

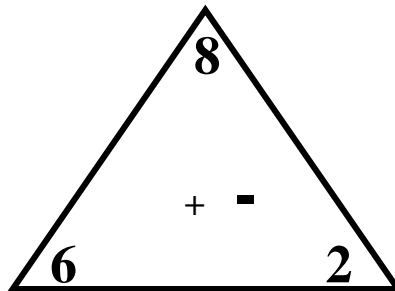
UNIT 3 Easy Subtraction Facts

The Essentials

The easy subtraction facts are built around the notion of “adding up.” In other words, students should learn to *find the difference* in these facts and do so by *adding up*. As you will see, the unit begins with the simple strategies for facts. These include “minus 0” and identity or “minus itself” facts (e.g., $8 - 8 = 0$). These can be addressed fairly quickly.

The next set of strategies involves the key idea of finding the difference. That is, where you have facts where the difference is 1 or 2 (e.g., $9 - 8$, $9 - 7$) or ones that involve “minus 1” or “minus 2”, you can get kids to add up. This involves linking facts together in families. For example, $8 - 6$ and $8 - 2$ are linked because they have a common family of numbers: 8, 6, and 2. In other words, $8 - 6 = 2$, $8 - 2 = 6$, and $8 = 6 + 2$. One way to communicate fact families is through fact family triangles. However you do it, be sure to get kids to think addition when they have a fact like $8 - 6$ (e.g., “I have 8 minus 6, 6 *plus* what is 8?”).

The Fact Family of 8, 6, and 2



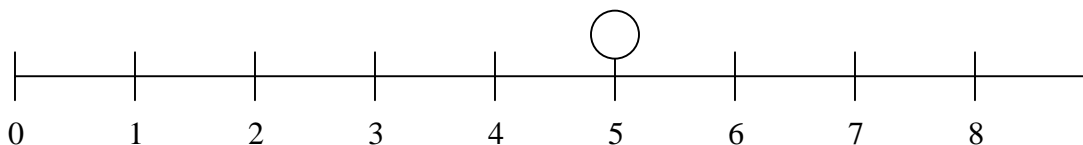
Easy Subtraction Fact Strategy Sets

Fact Strategy	Example	Number of sheets <small>(includes strategy sheet, practice sheet(s), and extended facts sheet)</small>	Page
Minus 0 <i>You just subtract 0.</i>	$7 - 0 = 7$	3	S3
Minus Itself <i>You subtract the same number.</i>	$7 - 7 = 0$	4	S7
Difference of 1 <i>You just subtract 1. But instruction should link -1 with facts that have a difference of one.</i>	$7 - 1 = 6$ AND $7 - 6 = 1$	17	S12
Difference of 2 <i>You just subtract 2. This works just like Difference of 1. Be sure to link the two facts together when you teach them.</i>	$7 - 2 = 5$ AND $7 - 5 = 2$	12	S32
Doubles <i>You want to review the double addition facts to make this strategy useful. Again, you want students to think addition. So $8 - 4 = 4 + 4$.</i>	$8 - 4 = 4$	4	S46

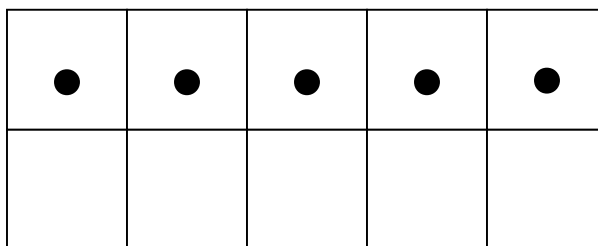
Easy Subtraction: The Minus 0 Facts

This really amounts to a rule. In other words, “any number minus zero is the same number.” If you need to, you can represent the minus zero strategy visually. One involves the use of a number line. The second involves a ten frame.

Number Line for $5 - 0$



A Ten Frame for $4 - 0$



Demonstrating the Rule

You can use the number line to show basic minus zero facts. Count out on the number line, state the number, and then say, “I’m going to subtract 0 from it. That means I don’t have to subtract. So, $5 - 0 = 5$ because I don’t have anything to take away.” You can use a similar method for the ten frame. Use a number of different facts to communicate the minus one strategy.

General Guidelines

Students should learn these facts very quickly because they all follow a simple rule. Remember, use the first page of the facts set to talk about the strategy. Give students enough time to apply the strategy to the facts. *For the remaining pages*, use the mastery criterion – at least 35 correct facts out of 40 in two minutes. Duplicate fact sheets if you need to in order to give students enough practice to meet the mastery criterion. Also, look over student sheets to see if particular facts are difficult for students. If so, provide even more practice on these facts.

Name _____

Date _____

NEW FACTS			<i>Fact Strategy: Minus 0</i>		
<u>0</u> <u>-0</u>	<u>2</u> <u>-0</u>	<u>1</u> <u>-0</u>	<u>4</u> <u>-0</u>	<u>3</u> <u>-0</u>	
<u>6</u> <u>-0</u>	<u>5</u> <u>-0</u>	<u>8</u> <u>-0</u>	<u>9</u> <u>-0</u>	<u>10</u> <u>-0</u>	<u>7</u> <u>-0</u>

<u>10</u> <u>-0</u>	<u>2</u> <u>-0</u>	<u>4</u> <u>-0</u>	<u>1</u> <u>-0</u>	<u>6</u> <u>-0</u>
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<u>8</u> <u>-0</u>	<u>9</u> <u>-0</u>	<u>7</u> <u>-0</u>	<u>3</u> <u>-0</u>	<u>5</u> <u>-0</u>
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<u>5</u> <u>-0</u>	<u>7</u> <u>-0</u>	<u>9</u> <u>-0</u>	<u>1</u> <u>-0</u>	<u>3</u> <u>-0</u>
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<u>4</u> <u>-0</u>	<u>8</u> <u>-0</u>	<u>2</u> <u>-0</u>	<u>6</u> <u>-0</u>	<u>0</u> <u>-0</u>
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<u>2</u> <u>-0</u>	<u>6</u> <u>-0</u>	<u>4</u> <u>-0</u>	<u>8</u> <u>-0</u>	<u>7</u> <u>-0</u>
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<u>10</u> <u>-0</u>	<u>9</u> <u>-0</u>	<u>5</u> <u>-0</u>	<u>3</u> <u>-0</u>	<u>1</u> <u>-0</u>
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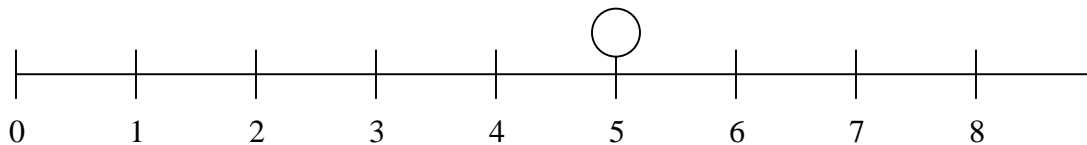
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1	10	100	2	20
<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>
200	7	70	700	9
<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>
90	900	4	40	400
<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>
8	80	800	3	300
<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>
30	5	50	500	7
<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>
700	6	60	600	100
<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>
10	800	40	400	70
<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>	<u>- 0</u>
700	90	900	30	300
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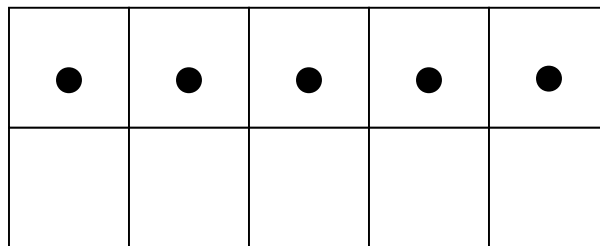
Easy Subtraction: The Minus Itself Facts

This really amounts to a rule. In other words, “any number minus itself is zero.” If you need to, you can represent the minus itself strategy visually. One involves the use of a number line. The second involves a ten frame.

Number Line for $5 - 5$



A Ten Frame for $4 - 4$



Demonstrating the Rule

You can use the number line to show basic minus itself facts. Count out on the number line, state the number, and then say, “I’m going to subtract 5. That means I take away the 5 that I have. I don’t have any more. So, $5 - 5 = 0$.” You can use a similar method for the ten frame. Use a number of different facts to communicate the minus itself strategy.

General Guidelines

Students should learn these facts very quickly because they all follow a simple rule. Remember, use the first page of the facts set to talk about the strategy. Give students enough time to apply the strategy to the facts. *For the remaining pages*, use the mastery criterion – at least 35 correct facts out of 40 in two minutes. Duplicate fact sheets if you need to in order to give students enough practice to meet the mastery criterion. Also, look over student sheets to see if particular facts are difficult for students. If so, provide even more practice on these facts.

Name _____

Date _____

NEW FACTS		<i>Fact Strategy: Minus Itself</i>		
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
<u>-1</u>	<u>-2</u>	<u>-3</u>	<u>-4</u>	<u>-5</u>
<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>0</u>
<u>-6</u>	<u>-7</u>	<u>-8</u>	<u>-9</u>	<u>-0</u>

<u>0</u>	<u>2</u>	<u>4</u>	<u>1</u>	<u>6</u>
<u>-0</u>	<u>-2</u>	<u>-4</u>	<u>-1</u>	<u>-6</u>

<u>8</u>	<u>9</u>	<u>7</u>	<u>3</u>	<u>5</u>
<u>-8</u>	<u>-9</u>	<u>-7</u>	<u>-3</u>	<u>-5</u>

<u>5</u>	<u>7</u>	<u>9</u>	<u>1</u>	<u>3</u>
<u>-5</u>	<u>-7</u>	<u>-9</u>	<u>-1</u>	<u>-3</u>

<u>4</u>	<u>8</u>	<u>2</u>	<u>6</u>	<u>0</u>
<u>-4</u>	<u>-8</u>	<u>-2</u>	<u>-6</u>	<u>-0</u>

<u>2</u>	<u>6</u>	<u>4</u>	<u>8</u>	<u>7</u>
<u>-2</u>	<u>-6</u>	<u>-4</u>	<u>-8</u>	<u>-7</u>

<u>0</u>	<u>9</u>	<u>5</u>	<u>3</u>	<u>1</u>
<u>-0</u>	<u>-9</u>	<u>-5</u>	<u>-3</u>	<u>-1</u>

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$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 0 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 0 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$
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Name _____

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$\begin{array}{r} 1 \\ \underline{-1} \end{array}$	$\begin{array}{r} 2 \\ \underline{-2} \end{array}$	$\begin{array}{r} 3 \\ \underline{-0} \end{array}$	$\begin{array}{r} 4 \\ \underline{-4} \end{array}$	$\begin{array}{r} 5 \\ \underline{-0} \end{array}$
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$\begin{array}{r} 6 \\ \underline{-6} \end{array}$	$\begin{array}{r} 7 \\ \underline{-7} \end{array}$	$\begin{array}{r} 8 \\ \underline{-0} \end{array}$	$\begin{array}{r} 9 \\ \underline{-9} \end{array}$	$\begin{array}{r} 0 \\ \underline{-0} \end{array}$
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$\begin{array}{r} 8 \\ \underline{-8} \end{array}$	$\begin{array}{r} 9 \\ \underline{-9} \end{array}$	$\begin{array}{r} 7 \\ \underline{-7} \end{array}$	$\begin{array}{r} 3 \\ \underline{-3} \end{array}$	$\begin{array}{r} 5 \\ \underline{-5} \end{array}$
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$\begin{array}{r} 5 \\ \underline{-5} \end{array}$	$\begin{array}{r} 7 \\ \underline{-7} \end{array}$	$\begin{array}{r} 9 \\ \underline{-0} \end{array}$	$\begin{array}{r} 1 \\ \underline{-1} \end{array}$	$\begin{array}{r} 3 \\ \underline{-3} \end{array}$
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$\begin{array}{r} 4 \\ \underline{-4} \end{array}$	$\begin{array}{r} 8 \\ \underline{-0} \end{array}$	$\begin{array}{r} 2 \\ \underline{-2} \end{array}$	$\begin{array}{r} 6 \\ \underline{-6} \end{array}$	$\begin{array}{r} 0 \\ \underline{-0} \end{array}$
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$\begin{array}{r} 2 \\ \underline{-2} \end{array}$	$\begin{array}{r} 6 \\ \underline{-6} \end{array}$	$\begin{array}{r} 4 \\ \underline{-4} \end{array}$	$\begin{array}{r} 8 \\ \underline{-8} \end{array}$	$\begin{array}{r} 7 \\ \underline{-0} \end{array}$
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$\begin{array}{r} 0 \\ \underline{-0} \end{array}$	$\begin{array}{r} 9 \\ \underline{-9} \end{array}$	$\begin{array}{r} 5 \\ \underline{-5} \end{array}$	$\begin{array}{r} 3 \\ \underline{-3} \end{array}$	$\begin{array}{r} 1 \\ \underline{-0} \end{array}$
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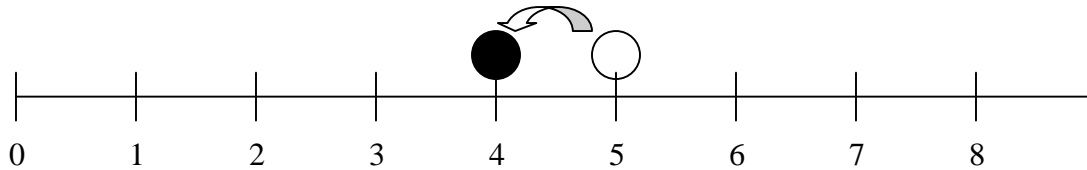
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50 <u>-50</u>	7 <u>-7</u>	70 <u>-70</u>	9 <u>-9</u>	90 <u>-90</u>
3 <u>-3</u>	30 <u>-30</u>	4 <u>-4</u>	40 <u>-40</u>	8 <u>-8</u>
80 <u>-80</u>	6 <u>-6</u>	60 <u>-60</u>	3 <u>-3</u>	300 <u>-300</u>
5 <u>-5</u>	500 <u>-500</u>	9 <u>-9</u>	900 <u>-900</u>	7 <u>-7</u>
700 <u>-700</u>	8 <u>-80</u>	800 <u>-800</u>	6 <u>-6</u>	600 <u>-600</u>
2 <u>-2</u>	200 <u>-200</u>	4 <u>-4</u>	400 <u>-400</u>	7 <u>-7</u>
700 <u>-700</u>	9 <u>-9</u>	900 <u>-900</u>	3 <u>-3</u>	300 <u>-300</u>

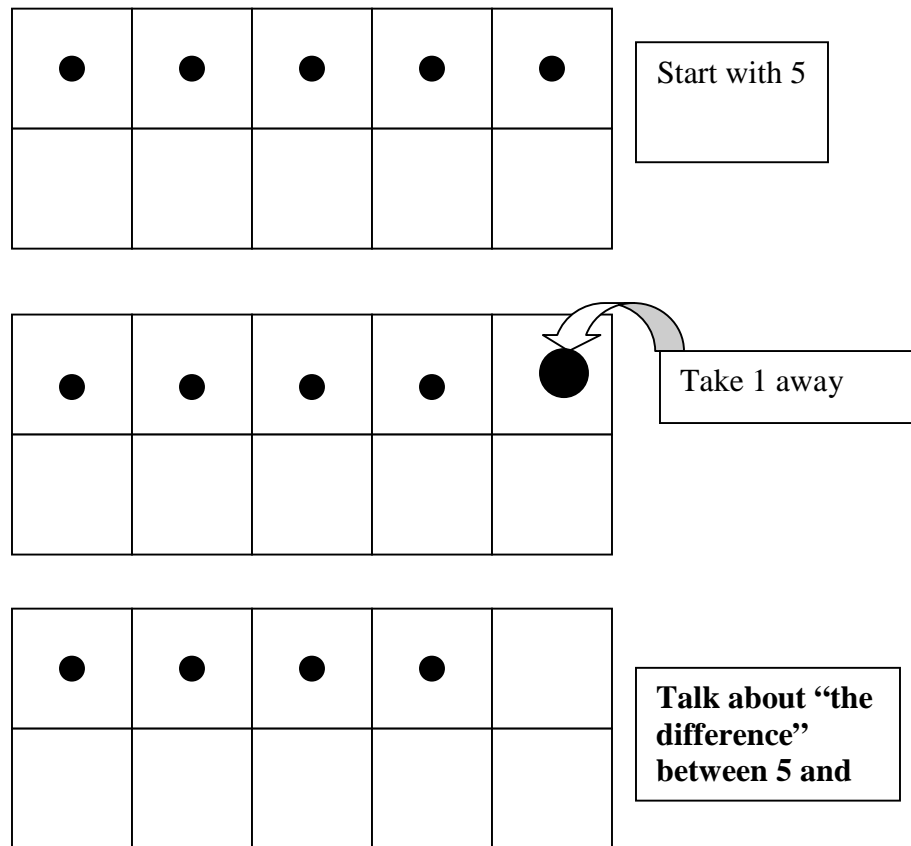
Easy Subtraction: The Difference of 1 Facts

This is a simple counting fact strategy. There are two ways to represent the minus one strategy visually. One involves the use of a number line. The second involves a ten frame.

Number Line for $5 - 1$



A Ten Frame for $5 - 1$

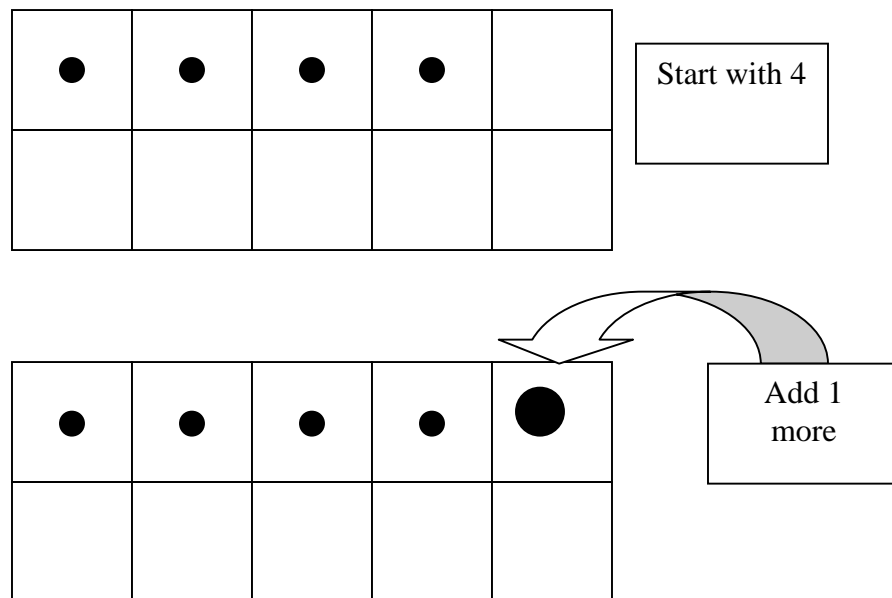


Demonstrating the Strategy

You can use the number line to show basic minus one facts. Count out on the number line, state the number, and subtract one more. In the example above, you would count, "1, 2, 3, 4, 5. We have 5, and now we are going to take away 1. That gives us 4. Let's count to check. 1, 2, 3, 4." You can use a similar method for the ten frame AND you can also start to develop an

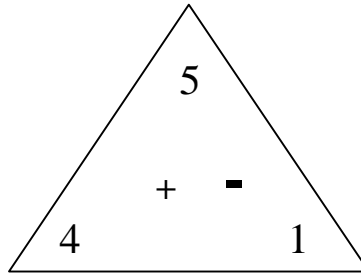
important general strategy: “Think Addition.” In other words, use the ten frame to get your students to see that $5 - 1$ involves the same numbers as $4 + 1$. You might say, “We can think about this problem by counting up. Let’s look at the difference. $5 - 1$ is the same as starting with 4 and counting up 1. When we do $5 - 1$, we ask, ‘what is the difference between 4 and 5. We can see that on the ten frame. We can use our add facts to answer these subtraction facts. You can think of $5 - 1$ as $4 + 1 = 5$.”

A Ten Frame for $5 - 4$



Next, show them the fact $5 - 4$ as shown above to reinforce this understanding of the difference between the numbers. Use the ten frame. Before you add the 1 chip, talk about the difference between 5 and 4. “Look at the fact $5 - 4$. All we have to do is add up one. We can use the add fact $4 + 1$ to answer this problem.” Use a number of different facts to communicate the minus one strategy.

Fact Families for Addition and Subtraction



A further way to start reinforcing the relationship between subtraction and addition facts is through FACT FAMILY CARDS. Little triangular cards show this relationship. Students can make up all of the facts that use these numbers ($4 + 1 = 5$, $1 + 4 = 5$, $5 - 1 = 4$, $5 - 4 = 1$).

General Guidelines

Remember, use the first page of the facts set to talk about the strategy. Give students enough time to apply the strategy to the facts. *For the remaining pages*, use the mastery criterion – at least 35 correct facts out of 40 in two minutes. Duplicate fact sheets if you need to in order to give students enough practice to meet the mastery criterion. Also, look over student sheets to see if particular facts are difficult for students. If so, provide even more practice on these facts.

Name _____

Date _____

NEW FACTS		<i>Fact Strategy: Difference of 1</i>			
<u>9</u> <u>-1</u>	<u>9</u> <u>-8</u>	<u>8</u> <u>-1</u>	<u>8</u> <u>-7</u>	<u>10</u> <u>-1</u>	<u>10</u> <u>-9</u>

<u>1</u> <u>-1</u>	<u>9</u> <u>-1</u>	<u>9</u> <u>-8</u>	<u>4</u> <u>-1</u>	<u>2</u> <u>-2</u>
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<u>4</u> <u>-0</u>	<u>8</u> <u>-1</u>	<u>8</u> <u>-7</u>	<u>1</u> <u>-0</u>	<u>6</u> <u>-0</u>
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<u>2</u> <u>-1</u>	<u>3</u> <u>-1</u>	<u>10</u> <u>-1</u>	<u>3</u> <u>-3</u>	<u>5</u> <u>-5</u>
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<u>9</u> <u>-8</u>	<u>8</u> <u>-7</u>	<u>8</u> <u>-1</u>	<u>2</u> <u>-0</u>	<u>1</u> <u>-1</u>
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<u>4</u> <u>-1</u>	<u>9</u> <u>-8</u>	<u>10</u> <u>-9</u>	<u>6</u> <u>-6</u>	<u>0</u> <u>-0</u>
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<u>2</u> <u>-2</u>	<u>7</u> <u>-0</u>	<u>8</u> <u>-1</u>	<u>8</u> <u>-7</u>	<u>5</u> <u>-5</u>
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<u>10</u> <u>-1</u>	<u>9</u> <u>-8</u>	<u>8</u> <u>-7</u>	<u>8</u> <u>-1</u>	<u>10</u> <u>-9</u>
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$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -0 \\ \hline \end{array}$$

Name _____

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$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ -80 \\ \hline \end{array}$
$\begin{array}{r} 900 \\ -800 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ -800 \\ \hline \end{array}$
$\begin{array}{r} 90 \\ -80 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ -100 \\ \hline \end{array}$
$\begin{array}{r} 800 \\ -700 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ -70 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ -700 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ -70 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 100 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
$\begin{array}{r} 90 \\ -80 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ -700 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ -70 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 100 \\ -90 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$
$\begin{array}{r} 900 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ -80 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ -700 \\ \hline \end{array}$

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NEW FACTS		<i>Fact Strategy: Difference of 1</i>		
$\begin{array}{r} 7 \\ \underline{-1} \end{array}$	$\begin{array}{r} 7 \\ \underline{-6} \end{array}$	$\begin{array}{r} 6 \\ \underline{-1} \end{array}$	$\begin{array}{r} 6 \\ \underline{-5} \end{array}$	

$$\begin{array}{r} 1 \\ \underline{-1} \end{array} \quad \begin{array}{r} 7 \\ \underline{-1} \end{array} \quad \begin{array}{r} 7 \\ \underline{-6} \end{array} \quad \begin{array}{r} 4 \\ \underline{-0} \end{array} \quad \begin{array}{r} 2 \\ \underline{-2} \end{array}$$

$$\begin{array}{r} 4 \\ \underline{-0} \end{array} \quad \begin{array}{r} 6 \\ \underline{-1} \end{array} \quad \begin{array}{r} 6 \\ \underline{-5} \end{array} \quad \begin{array}{r} 1 \\ \underline{-0} \end{array} \quad \begin{array}{r} 6 \\ \underline{-0} \end{array}$$

$$\begin{array}{r} 6 \\ \underline{-6} \end{array} \quad \begin{array}{r} 3 \\ \underline{-1} \end{array} \quad \begin{array}{r} 9 \\ \underline{-1} \end{array} \quad \begin{array}{r} 3 \\ \underline{-3} \end{array} \quad \begin{array}{r} 6 \\ \underline{-5} \end{array}$$

$$\begin{array}{r} 6 \\ \underline{-1} \end{array} \quad \begin{array}{r} 7 \\ \underline{-6} \end{array} \quad \begin{array}{r} 7 \\ \underline{-1} \end{array} \quad \begin{array}{r} 7 \\ \underline{-7} \end{array} \quad \begin{array}{r} 1 \\ \underline{-1} \end{array}$$

$$\begin{array}{r} 4 \\ \underline{-1} \end{array} \quad \begin{array}{r} 9 \\ \underline{-0} \end{array} \quad \begin{array}{r} 7 \\ \underline{-1} \end{array} \quad \begin{array}{r} 7 \\ \underline{-6} \end{array} \quad \begin{array}{r} 0 \\ \underline{-0} \end{array}$$

$$\begin{array}{r} 9 \\ \underline{-9} \end{array} \quad \begin{array}{r} 7 \\ \underline{-0} \end{array} \quad \begin{array}{r} 6 \\ \underline{-1} \end{array} \quad \begin{array}{r} 6 \\ \underline{-5} \end{array} \quad \begin{array}{r} 5 \\ \underline{-5} \end{array}$$

$$\begin{array}{r} 7 \\ \underline{-1} \end{array} \quad \begin{array}{r} 6 \\ \underline{-1} \end{array} \quad \begin{array}{r} 8 \\ \underline{-0} \end{array} \quad \begin{array}{r} 7 \\ \underline{-6} \end{array} \quad \begin{array}{r} 6 \\ \underline{-5} \end{array}$$

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$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -0 \\ \hline \end{array}$$

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$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$
$\begin{array}{r} 70 \\ -60 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ -600 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ -10 \\ \hline \end{array}$
$\begin{array}{r} 600 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ -500 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ -50 \\ \hline \end{array}$
$\begin{array}{r} 70 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ -500 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ -50 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ -100 \\ \hline \end{array}$
$\begin{array}{r} 60 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ -60 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ -10 \\ \hline \end{array}$
$\begin{array}{r} 80 \\ -70 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ -600 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ -10 \\ \hline \end{array}$
$\begin{array}{r} 90 \\ -80 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ -800 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ -600 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ -60 \\ \hline \end{array}$
$\begin{array}{r} 700 \\ -100 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ -50 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ -500 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ -100 \\ \hline \end{array}$

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NEW FACTS		<i>Fact Strategy: Difference of 1</i>		
$\begin{array}{r} 5 \\ \underline{-1} \end{array}$	$\begin{array}{r} 5 \\ \underline{-4} \end{array}$	$\begin{array}{r} 4 \\ \underline{-1} \end{array}$	$\begin{array}{r} 4 \\ \underline{-3} \end{array}$	

$\begin{array}{r} 5 \\ \underline{-1} \end{array}$	$\begin{array}{r} 4 \\ \underline{-1} \end{array}$	$\begin{array}{r} 5 \\ \underline{-4} \end{array}$	$\begin{array}{r} 4 \\ \underline{-3} \end{array}$	$\begin{array}{r} 2 \\ \underline{-2} \end{array}$
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$\begin{array}{r} 4 \\ \underline{-0} \end{array}$	$\begin{array}{r} 3 \\ \underline{-1} \end{array}$	$\begin{array}{r} 4 \\ \underline{-1} \end{array}$	$\begin{array}{r} 1 \\ \underline{-0} \end{array}$	$\begin{array}{r} 6 \\ \underline{-0} \end{array}$
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$\begin{array}{r} 9 \\ \underline{-9} \end{array}$	$\begin{array}{r} 3 \\ \underline{-1} \end{array}$	$\begin{array}{r} 4 \\ \underline{-1} \end{array}$	$\begin{array}{r} 3 \\ \underline{-3} \end{array}$	$\begin{array}{r} 7 \\ \underline{-1} \end{array}$
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$\begin{array}{r} 5 \\ \underline{-4} \end{array}$	$\begin{array}{r} 5 \\ \underline{-1} \end{array}$	$\begin{array}{r} 7 \\ \underline{-6} \end{array}$	$\begin{array}{r} 9 \\ \underline{-1} \end{array}$	$\begin{array}{r} 9 \\ \underline{-8} \end{array}$
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$\begin{array}{r} 4 \\ \underline{-1} \end{array}$	$\begin{array}{r} 8 \\ \underline{-7} \end{array}$	$\begin{array}{r} 8 \\ \underline{-1} \end{array}$	$\begin{array}{r} 6 \\ \underline{-5} \end{array}$	$\begin{array}{r} 0 \\ \underline{-0} \end{array}$
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$\begin{array}{r} 6 \\ \underline{-1} \end{array}$	$\begin{array}{r} 7 \\ \underline{-0} \end{array}$	$\begin{array}{r} 4 \\ \underline{-1} \end{array}$	$\begin{array}{r} 9 \\ \underline{-0} \end{array}$	$\begin{array}{r} 5 \\ \underline{-4} \end{array}$
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$\begin{array}{r} 5 \\ \underline{-1} \end{array}$	$\begin{array}{r} 2 \\ \underline{-2} \end{array}$	$\begin{array}{r} 5 \\ \underline{-0} \end{array}$	$\begin{array}{r} 4 \\ \underline{-3} \end{array}$	$\begin{array}{r} 4 \\ \underline{-1} \end{array}$
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$$\begin{array}{r} 5 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

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$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$
--	--	--	--	--

Name _____

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7	70	700	7	5
<u>-1</u>	<u>-10</u>	<u>-100</u>	<u>-1</u>	<u>-1</u>

50	500	5	5	500
<u>-10</u>	<u>-100</u>	<u>-1</u>	<u>-4</u>	<u>-400</u>

50	4	40	400	4
<u>-40</u>	<u>-1</u>	<u>-10</u>	<u>-100</u>	<u>-3</u>

40	400	60	40	500
<u>-30</u>	<u>-300</u>	<u>-50</u>	<u>-10</u>	<u>-100</u>

5	50	4	400	40
<u>-4</u>	<u>-40</u>	<u>-3</u>	<u>-300</u>	<u>-30</u>

5	50	500	4	400
<u>-1</u>	<u>-10</u>	<u>-100</u>	<u>-1</u>	<u>-100</u>

4	40	50	500	50
<u>-3</u>	<u>-30</u>	<u>-40</u>	<u>-400</u>	<u>-10</u>

90	900	90	40	400
<u>-80</u>	<u>-800</u>	<u>-10</u>	<u>-30</u>	<u>-300</u>

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NEW FACTS		<i>Fact Strategy: Difference of 1</i>		
$\begin{array}{r} 3 \\ \underline{-1} \end{array}$	$\begin{array}{r} 3 \\ \underline{-2} \end{array}$	$\begin{array}{r} 2 \\ \underline{-1} \end{array}$	$\begin{array}{r} 1 \\ \underline{-0} \end{array}$	

$$\begin{array}{r} 6 \\ \underline{-1} \end{array} \quad \begin{array}{r} 6 \\ \underline{-5} \end{array} \quad \begin{array}{r} 3 \\ \underline{-2} \end{array} \quad \begin{array}{r} 3 \\ \underline{-1} \end{array} \quad \begin{array}{r} 2 \\ \underline{-1} \end{array}$$

$$\begin{array}{r} 4 \\ \underline{-3} \end{array} \quad \begin{array}{r} 4 \\ \underline{-1} \end{array} \quad \begin{array}{r} 3 \\ \underline{-1} \end{array} \quad \begin{array}{r} 1 \\ \underline{-0} \end{array} \quad \begin{array}{r} 6 \\ \underline{-0} \end{array}$$

$$\begin{array}{r} 2 \\ \underline{-1} \end{array} \quad \begin{array}{r} 3 \\ \underline{-1} \end{array} \quad \begin{array}{r} 5 \\ \underline{-1} \end{array} \quad \begin{array}{r} 3 \\ \underline{-2} \end{array} \quad \begin{array}{r} 5 \\ \underline{-4} \end{array}$$

$$\begin{array}{r} 1 \\ \underline{-0} \end{array} \quad \begin{array}{r} 7 \\ \underline{-6} \end{array} \quad \begin{array}{r} 7 \\ \underline{-1} \end{array} \quad \begin{array}{r} 2 \\ \underline{-1} \end{array} \quad \begin{array}{r} 3 \\ \underline{-1} \end{array}$$

$$\begin{array}{r} 8 \\ \underline{-1} \end{array} \quad \begin{array}{r} 8 \\ \underline{-7} \end{array} \quad \begin{array}{r} 2 \\ \underline{-0} \end{array} \quad \begin{array}{r} 9 \\ \underline{-1} \end{array} \quad \begin{array}{r} 9 \\ \underline{-8} \end{array}$$

$$\begin{array}{r} 2 \\ \underline{-1} \end{array} \quad \begin{array}{r} 7 \\ \underline{-0} \end{array} \quad \begin{array}{r} 3 \\ \underline{-1} \end{array} \quad \begin{array}{r} 3 \\ \underline{-2} \end{array} \quad \begin{array}{r} 5 \\ \underline{-4} \end{array}$$

$$\begin{array}{r} 5 \\ \underline{-1} \end{array} \quad \begin{array}{r} 1 \\ \underline{-0} \end{array} \quad \begin{array}{r} 5 \\ \underline{-0} \end{array} \quad \begin{array}{r} 3 \\ \underline{-2} \end{array} \quad \begin{array}{r} 3 \\ \underline{-1} \end{array}$$

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$\begin{array}{r} 3 \\ \underline{-1} \end{array}$	$\begin{array}{r} 3 \\ \underline{-2} \end{array}$	$\begin{array}{r} 2 \\ \underline{-1} \end{array}$	$\begin{array}{r} 1 \\ \underline{-1} \end{array}$	$\begin{array}{r} 1 \\ \underline{-0} \end{array}$
--	--	--	--	--

$\begin{array}{r} 6 \\ \underline{-1} \end{array}$	$\begin{array}{r} 6 \\ \underline{-5} \end{array}$	$\begin{array}{r} 3 \\ \underline{-2} \end{array}$	$\begin{array}{r} 3 \\ \underline{-1} \end{array}$	$\begin{array}{r} 2 \\ \underline{-1} \end{array}$
--	--	--	--	--

$\begin{array}{r} 4 \\ \underline{-3} \end{array}$	$\begin{array}{r} 4 \\ \underline{-1} \end{array}$	$\begin{array}{r} 3 \\ \underline{-1} \end{array}$	$\begin{array}{r} 1 \\ \underline{-0} \end{array}$	$\begin{array}{r} 6 \\ \underline{-0} \end{array}$
--	--	--	--	--

$\begin{array}{r} 2 \\ \underline{-1} \end{array}$	$\begin{array}{r} 3 \\ \underline{-1} \end{array}$	$\begin{array}{r} 5 \\ \underline{-1} \end{array}$	$\begin{array}{r} 3 \\ \underline{-2} \end{array}$	$\begin{array}{r} 5 \\ \underline{-4} \end{array}$
--	--	--	--	--

$\begin{array}{r} 1 \\ \underline{-0} \end{array}$	$\begin{array}{r} 7 \\ \underline{-6} \end{array}$	$\begin{array}{r} 7 \\ \underline{-1} \end{array}$	$\begin{array}{r} 2 \\ \underline{-1} \end{array}$	$\begin{array}{r} 6 \\ \underline{-1} \end{array}$
--	--	--	--	--

$\begin{array}{r} 8 \\ \underline{-1} \end{array}$	$\begin{array}{r} 8 \\ \underline{-7} \end{array}$	$\begin{array}{r} 2 \\ \underline{-0} \end{array}$	$\begin{array}{r} 9 \\ \underline{-1} \end{array}$	$\begin{array}{r} 9 \\ \underline{-8} \end{array}$
--	--	--	--	--

$\begin{array}{r} 2 \\ \underline{-1} \end{array}$	$\begin{array}{r} 7 \\ \underline{-0} \end{array}$	$\begin{array}{r} 3 \\ \underline{-1} \end{array}$	$\begin{array}{r} 3 \\ \underline{-2} \end{array}$	$\begin{array}{r} 5 \\ \underline{-4} \end{array}$
--	--	--	--	--

$\begin{array}{r} 5 \\ \underline{-1} \end{array}$	$\begin{array}{r} 3 \\ \underline{-2} \end{array}$	$\begin{array}{r} 5 \\ \underline{-0} \end{array}$	$\begin{array}{r} 1 \\ \underline{-0} \end{array}$	$\begin{array}{r} 3 \\ \underline{-1} \end{array}$
--	--	--	--	--

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$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$
$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$
$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$
$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$

Name _____

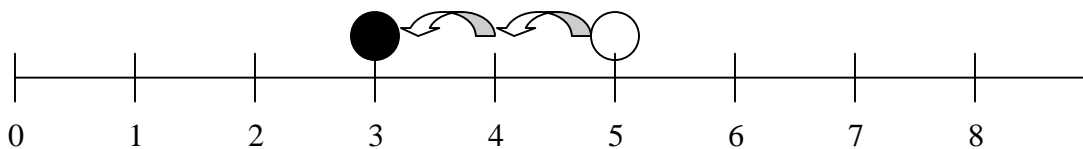
Date _____

3 <u>- 1</u>	30 <u>- 10</u>	300 <u>- 100</u>	300 <u>- 200</u>	3 <u>- 2</u>
30 <u>- 20</u>	2 <u>- 1</u>	20 <u>- 10</u>	200 <u>- 100</u>	300 <u>- 200</u>
300 <u>- 200</u>	1 <u>- 0</u>	10 <u>- 0</u>	20 <u>- 10</u>	200 <u>- 100</u>
300 <u>- 100</u>	30 <u>- 20</u>	20 <u>- 10</u>	900 <u>- 100</u>	90 <u>- 10</u>
90 <u>- 80</u>	900 <u>- 800</u>	80 <u>- 10</u>	800 <u>- 100</u>	1 <u>- 0</u>
10 <u>- 0</u>	100 <u>- 0</u>	300 <u>- 100</u>	30 <u>- 10</u>	30 <u>- 20</u>
50 <u>- 40</u>	500 <u>- 400</u>	5 <u>- 1</u>	50 <u>- 10</u>	500 <u>- 100</u>
200 <u>- 100</u>	80 <u>- 10</u>	70 <u>- 10</u>	80 <u>- 70</u>	300 <u>- 200</u>

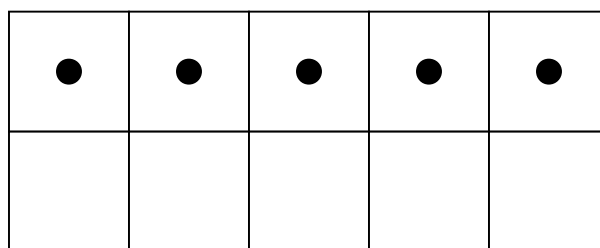
Easy Subtraction: The Difference of 2 Facts

This is also a simple counting fact strategy. There are two ways to represent the minus two strategy visually. One involves the use of a number line. The second involves a ten frame.

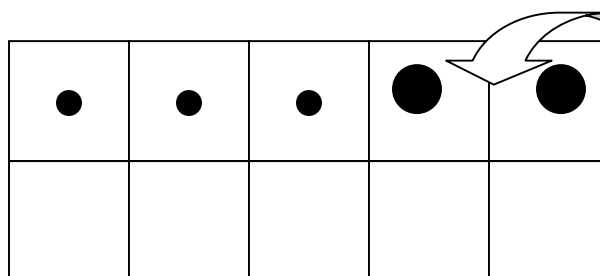
Number Line for $5 - 2$



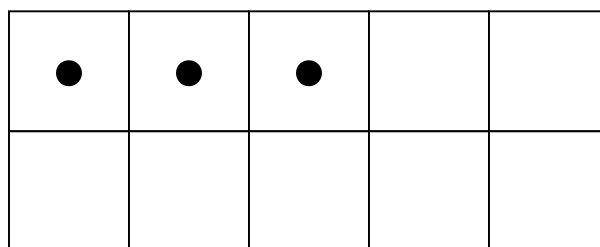
A Ten Frame for $5 - 2$



Start with 5



Take these
2 away

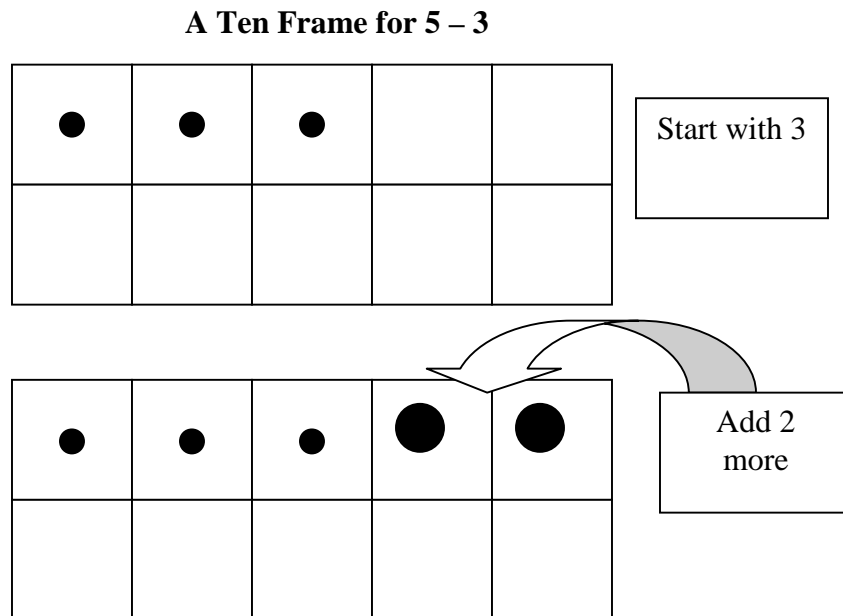


**Talk about the
difference
between 5 and
3.**

Demonstrating the Strategy

You can use the number line to show basic minus two facts. Count out on the number line, state the number, and then state that you are going to take two away. In the example above, you would count, “1, 2, 3, 4, 5. We have 5, and now we are going to take 2 away. 4, 3, that

gives us 3.” You can use a similar method for the ten frame AND you can also start to develop an important general strategy: “Think Addition.” In other words, use the ten frame to get your students to see that $5 - 3$ involves the same numbers as $3 + 2$. You might say, “We can think about this problem by counting up. Let’s look at the difference. $5 - 3$ is the same as starting with 3 and counting up 2. When we do $5 - 3$, we ask, ‘what is the difference between 3 and 5. We can see that on the ten frame. We can use our add facts to answer these subtraction facts. You can think of $5 - 3$ as $3 + 2 = 5$.”



Next, show them the fact $5 - 3$ as shown above to reinforce this understanding of the difference between the numbers. Use the ten frame. Before you add the 2 chips, talk about the difference between 5 and 3. “Look at the fact $5 - 3$. All we have to do is add up two. We can use the add fact $3 + 2 = 5$ to answer this problem.” You can continue to use FACT FAMILY CARDS to reinforce the addition and subtraction fact relationships.

Note: the larger dots in the tens frame just demonstrate a change or in this case, what is added. In class, you can use dots or chips that are all the same size. Use a number of different facts to communicate the minus two strategy.

General Guidelines

Remember, use the first page of the facts set to talk about the strategy. Give students enough time to apply the strategy to the facts. *For the remaining pages*, use the mastery criterion – at least 35 correct facts out of 40 in two minutes. Duplicate fact sheets if you need to in order to give students enough practice to meet the mastery criterion. Also, look over student sheets to see if particular facts are difficult for students. If so, provide even more practice on these facts.

Name _____

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NEW FACTS		<i>Fact Strategy: Difference of 2</i>		
$\begin{array}{r} 9 \\ \underline{-2} \end{array}$	$\begin{array}{r} 9 \\ \underline{-7} \end{array}$	$\begin{array}{r} 8 \\ \underline{-2} \end{array}$	$\begin{array}{r} 8 \\ \underline{-6} \end{array}$	

$$\begin{array}{r} 1 \\ \underline{-1} \end{array} \quad \begin{array}{r} 9 \\ \underline{-2} \end{array} \quad \begin{array}{r} 9 \\ \underline{-7} \end{array} \quad \begin{array}{r} 4 \\ \underline{-0} \end{array} \quad \begin{array}{r} 2 \\ \underline{-2} \end{array}$$

$$\begin{array}{r} 4 \\ \underline{-4} \end{array} \quad \begin{array}{r} 8 \\ \underline{-2} \end{array} \quad \begin{array}{r} 8 \\ \underline{-6} \end{array} \quad \begin{array}{r} 1 \\ \underline{-0} \end{array} \quad \begin{array}{r} 6 \\ \underline{-0} \end{array}$$

$$\begin{array}{r} 2 \\ \underline{-1} \end{array} \quad \begin{array}{r} 3 \\ \underline{-1} \end{array} \quad \begin{array}{r} 9 \\ \underline{-1} \end{array} \quad \begin{array}{r} 9 \\ \underline{-7} \end{array} \quad \begin{array}{r} 9 \\ \underline{-2} \end{array}$$

$$\begin{array}{r} 9 \\ \underline{-1} \end{array} \quad \begin{array}{r} 8 \\ \underline{-6} \end{array} \quad \begin{array}{r} 8 \\ \underline{-2} \end{array} \quad \begin{array}{r} 2 \\ \underline{-1} \end{array} \quad \begin{array}{r} 1 \\ \underline{-1} \end{array}$$

$$\begin{array}{r} 4 \\ \underline{-1} \end{array} \quad \begin{array}{r} 9 \\ \underline{-0} \end{array} \quad \begin{array}{r} 9 \\ \underline{-7} \end{array} \quad \begin{array}{r} 8 \\ \underline{-6} \end{array} \quad \begin{array}{r} 8 \\ \underline{-8} \end{array}$$

$$\begin{array}{r} 2 \\ \underline{-1} \end{array} \quad \begin{array}{r} 7 \\ \underline{-0} \end{array} \quad \begin{array}{r} 8 \\ \underline{-1} \end{array} \quad \begin{array}{r} 8 \\ \underline{-2} \end{array} \quad \begin{array}{r} 5 \\ \underline{-5} \end{array}$$

$$\begin{array}{r} 9 \\ \underline{-2} \end{array} \quad \begin{array}{r} 9 \\ \underline{-9} \end{array} \quad \begin{array}{r} 8 \\ \underline{-2} \end{array} \quad \begin{array}{r} 8 \\ \underline{-6} \end{array} \quad \begin{array}{r} 9 \\ \underline{-7} \end{array}$$

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$$\begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array}$$

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$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -0 \\ \hline \end{array}$$

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9	90	900	9	9
<u>- 2</u>	<u>- 20</u>	<u>- 200</u>	<u>- 2</u>	<u>- 7</u>

90	900	8	80	800
<u>- 70</u>	<u>- 700</u>	<u>- 6</u>	<u>- 60</u>	<u>- 600</u>

8	800	80	80	800
<u>- 2</u>	<u>- 200</u>	<u>- 20</u>	<u>- 60</u>	<u>- 600</u>

900	90	900	8	80
<u>- 200</u>	<u>- 20</u>	<u>- 700</u>	<u>- 2</u>	<u>- 20</u>

800	80	90	900	90
<u>- 600</u>	<u>- 60</u>	<u>- 70</u>	<u>- 700</u>	<u>- 20</u>

900	9	800	80	80
<u>- 200</u>	<u>- 7</u>	<u>- 200</u>	<u>- 20</u>	<u>- 60</u>

800	900	90	900	90
<u>- 600</u>	<u>- 700</u>	<u>- 20</u>	<u>- 200</u>	<u>- 70</u>

90	80	800	90	800
<u>- 70</u>	<u>- 60</u>	<u>- 200</u>	<u>- 20</u>	<u>- 600</u>

Name _____

Date _____

NEW FACTS		<i>Fact Strategy: Difference of 2</i>		
$\begin{array}{r} 7 \\ \underline{-2} \end{array}$	$\begin{array}{r} 7 \\ \underline{-5} \end{array}$	$\begin{array}{r} 6 \\ \underline{-2} \end{array}$	$\begin{array}{r} 6 \\ \underline{-4} \end{array}$	

$$\begin{array}{r} 6 \\ \underline{-4} \end{array} \quad \begin{array}{r} 7 \\ \underline{-2} \end{array} \quad \begin{array}{r} 7 \\ \underline{-5} \end{array} \quad \begin{array}{r} 4 \\ \underline{-0} \end{array} \quad \begin{array}{r} 2 \\ \underline{-2} \end{array}$$

$$\begin{array}{r} 4 \\ \underline{-0} \end{array} \quad \begin{array}{r} 6 \\ \underline{-2} \end{array} \quad \begin{array}{r} 6 \\ \underline{-4} \end{array} \quad \begin{array}{r} 1 \\ \underline{-0} \end{array} \quad \begin{array}{r} 6 \\ \underline{-0} \end{array}$$

$$\begin{array}{r} 2 \\ \underline{-1} \end{array} \quad \begin{array}{r} 3 \\ \underline{-1} \end{array} \quad \begin{array}{r} 9 \\ \underline{-1} \end{array} \quad \begin{array}{r} 3 \\ \underline{-3} \end{array} \quad \begin{array}{r} 6 \\ \underline{-6} \end{array}$$

$$\begin{array}{r} 6 \\ \underline{-1} \end{array} \quad \begin{array}{r} 7 \\ \underline{-5} \end{array} \quad \begin{array}{r} 7 \\ \underline{-2} \end{array} \quad \begin{array}{r} 2 \\ \underline{-1} \end{array} \quad \begin{array}{r} 6 \\ \underline{-2} \end{array}$$

$$\begin{array}{r} 4 \\ \underline{-1} \end{array} \quad \begin{array}{r} 9 \\ \underline{-0} \end{array} \quad \begin{array}{r} 7 \\ \underline{-1} \end{array} \quad \begin{array}{r} 7 \\ \underline{-0} \end{array} \quad \begin{array}{r} 6 \\ \underline{-4} \end{array}$$

$$\begin{array}{r} 2 \\ \underline{-1} \end{array} \quad \begin{array}{r} 7 \\ \underline{-2} \end{array} \quad \begin{array}{r} 7 \\ \underline{-5} \end{array} \quad \begin{array}{r} 6 \\ \underline{-0} \end{array} \quad \begin{array}{r} 5 \\ \underline{-5} \end{array}$$

$$\begin{array}{r} 7 \\ \underline{-1} \end{array} \quad \begin{array}{r} 6 \\ \underline{-2} \end{array} \quad \begin{array}{r} 6 \\ \underline{-4} \end{array} \quad \begin{array}{r} 7 \\ \underline{-7} \end{array} \quad \begin{array}{r} 6 \\ \underline{-6} \end{array}$$

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$$\begin{array}{r} 7 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -6 \\ \hline \end{array}$$

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$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 9 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 50 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$
$\begin{array}{r} 700 \\ - 500 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ - 400 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$
$\begin{array}{r} 60 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 50 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ - 20 \\ \hline \end{array}$
$\begin{array}{r} 60 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ - 400 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ - 500 \\ \hline \end{array}$
$\begin{array}{r} 70 \\ - 50 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ - 20 \\ \hline \end{array}$
$\begin{array}{r} 90 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ - 700 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ - 70 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ - 20 \\ \hline \end{array}$
$\begin{array}{r} 80 \\ - 60 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ - 600 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 50 \\ \hline \end{array}$
$\begin{array}{r} 700 \\ - 500 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ - 400 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ - 40 \\ \hline \end{array}$

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NEW FACTS		<i>Fact Strategy: Difference of 2</i>		
$\begin{array}{r} 5 \\ \underline{-2} \end{array}$	$\begin{array}{r} 5 \\ \underline{-3} \end{array}$	$\begin{array}{r} 4 \\ \underline{-2} \end{array}$	$\begin{array}{r} 3 \\ \underline{-1} \end{array}$	$\begin{array}{r} 3 \\ \underline{-2} \end{array}$

$$\begin{array}{r} 5 \\ \underline{-2} \end{array} \quad \begin{array}{r} 5 \\ \underline{-3} \end{array} \quad \begin{array}{r} 7 \\ \underline{-0} \end{array} \quad \begin{array}{r} 3 \\ \underline{-2} \end{array} \quad \begin{array}{r} 2 \\ \underline{-0} \end{array}$$

$$\begin{array}{r} 3 \\ \underline{-1} \end{array} \quad \begin{array}{r} 4 \\ \underline{-2} \end{array} \quad \begin{array}{r} 8 \\ \underline{-6} \end{array} \quad \begin{array}{r} 1 \\ \underline{-0} \end{array} \quad \begin{array}{r} 6 \\ \underline{-0} \end{array}$$

$$\begin{array}{r} 2 \\ \underline{-1} \end{array} \quad \begin{array}{r} 3 \\ \underline{-2} \end{array} \quad \begin{array}{r} 9 \\ \underline{-2} \end{array} \quad \begin{array}{r} 9 \\ \underline{-7} \end{array} \quad \begin{array}{r} 8 \\ \underline{-8} \end{array}$$

$$\begin{array}{r} 6 \\ \underline{-1} \end{array} \quad \begin{array}{r} 7 \\ \underline{-0} \end{array} \quad \begin{array}{r} 3 \\ \underline{-1} \end{array} \quad \begin{array}{r} 5 \\ \underline{-2} \end{array} \quad \begin{array}{r} 5 \\ \underline{-3} \end{array}$$

$$\begin{array}{r} 4 \\ \underline{-2} \end{array} \quad \begin{array}{r} 9 \\ \underline{-9} \end{array} \quad \begin{array}{r} 7 \\ \underline{-2} \end{array} \quad \begin{array}{r} 7 \\ \underline{-5} \end{array} \quad \begin{array}{r} 0 \\ \underline{-0} \end{array}$$

$$\begin{array}{r} 3 \\ \underline{-2} \end{array} \quad \begin{array}{r} 7 \\ \underline{-0} \end{array} \quad \begin{array}{r} 6 \\ \underline{-2} \end{array} \quad \begin{array}{r} 6 \\ \underline{-4} \end{array} \quad \begin{array}{r} 5 \\ \underline{-5} \end{array}$$

$$\begin{array}{r} 5 \\ \underline{-3} \end{array} \quad \begin{array}{r} 5 \\ \underline{-2} \end{array} \quad \begin{array}{r} 3 \\ \underline{-2} \end{array} \quad \begin{array}{r} 7 \\ \underline{-1} \end{array} \quad \begin{array}{r} 4 \\ \underline{-2} \end{array}$$

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$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

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$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

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$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 500 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 500 \\ - 300 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 30 \\ \hline \end{array}$
$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 400 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ - 20 \\ \hline \end{array}$
$\begin{array}{r} 300 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 400 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ - 20 \\ \hline \end{array}$
$\begin{array}{r} 50 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 500 \\ - 300 \\ \hline \end{array}$	$\begin{array}{r} 4,000 \\ - 2,000 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 500 \\ - 200 \\ \hline \end{array}$
$\begin{array}{r} 30 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 300 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 300 \\ - 100 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$
$\begin{array}{r} 50 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 500 \\ - 300 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 300 \\ - 100 \\ \hline \end{array}$
$\begin{array}{r} 50 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 500 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 400 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ - 20 \\ \hline \end{array}$
$\begin{array}{r} 300 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 500 \\ - 200 \\ \hline \end{array}$

Easy Subtraction: The Doubles Facts

It may be surprising, but students learn doubles facts faster than many other subtraction facts. One of the best ways to communicate this strategy is to use a ten frame.

A Ten Frame for 8 – 4

Start with 8

Subtract 4

Talk about the difference between 8 and 4

Demonstrating the Strategy

You can use the tens frame to show doubles facts. In the example above, you would start with eight in the way pictured. Take away 4, and ask how many. Be sure to relate this to the fact $4 + 4 = 8$. You can continue to use FACT FAMILY CARDS to reinforce the addition and subtraction fact relationships.

General Guidelines

Remember, use the first page of the facts set to talk about the strategy. Give students enough time to apply the strategy to the facts. *For the remaining pages*, use the mastery criterion – at least 35 correct facts out of 40 in two minutes. Duplicate fact sheets if you need to in order to give students enough practice to meet the mastery criterion. Also, look over student sheets to see if particular facts are difficult for students. If so, provide even more practice on these facts.

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NEW FACTS		<i>Fact Strategy: Doubles</i>				
$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$		

$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$
--	---	--	--	--

$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
--	--	--	---	--

$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$
--	--	--	--	---

$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$
--	--	--	--	---

$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$
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Name _____

Date _____

$$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

Name _____

Date _____

4	40	400	6	60
<u>-2</u>	<u>-20</u>	<u>-200</u>	<u>-3</u>	<u>-30</u>

600	8	80	800	10
<u>-300</u>	<u>-4</u>	<u>-40</u>	<u>-400</u>	<u>-5</u>

100	60	40	400	1,000
<u>-50</u>	<u>-30</u>	<u>-20</u>	<u>-200</u>	<u>-500</u>

800	80	600	10	100
<u>-400</u>	<u>-40</u>	<u>-400</u>	<u>-5</u>	<u>-50</u>

400	40	20	200	6
<u>-200</u>	<u>-20</u>	<u>-10</u>	<u>-100</u>	<u>-3</u>

600	10	100	60	800
<u>-300</u>	<u>-5</u>	<u>-50</u>	<u>-30</u>	<u>-400</u>

2	20	4	400	10
<u>-1</u>	<u>-10</u>	<u>-2</u>	<u>-200</u>	<u>-5</u>

100	8	800	6	60
<u>-50</u>	<u>-4</u>	<u>-400</u>	<u>-3</u>	<u>-30</u>

UNIT 4 Hard Subtraction Facts

The Essentials

There are 38 hard facts, and they will take a longer time to teach than the easy facts. Like the addition facts, one of the main ideas in the hard subtraction facts is working “through ten.” However, students will learn to both work “up through 10” and “down through 10.” Again, ten frames are a useful way to communicate the strategies for these hard subtraction facts.

The facts that “build up through 10” involve a subtracted number that is either 8 or 9. The idea is a simple one. Add until you get ten, and then the rest of the number. Thus, $15 - 8 =$ would be modeled by $8 + 2$ is 10 and 5 more is 15 so the difference is $2 + 5$ or 7.

Build Up Through Ten Fact $15 - 8 = 8 + 2 + 5$

●	●	●	●	●
●	●	●	○	○

○	○	○	○	○

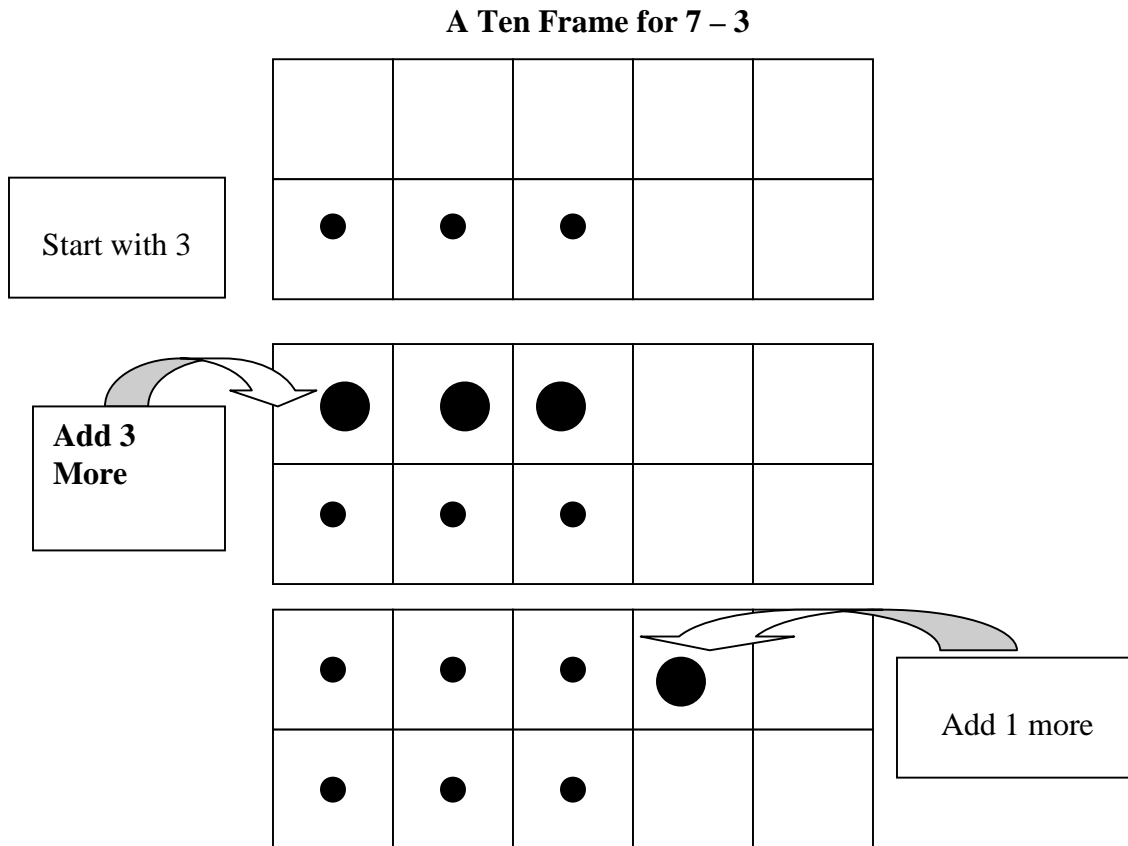
The only remaining strategy is to “back down through 10.” This is the only one that does not require the student to think addition. These facts have a difference of 8 or 9. Again, 10 is the key number to the strategy. In the case of $14 - 6$, the student subtracts 4 from 14 to get 10, and then 4 more to get 6. The difference is $4 + 4$ or 8.

Hard Subtraction Fact Strategy Sets

Fact Strategy	Example	Number of sheets (includes strategy sheet, practice sheet(s), and extended facts sheet)	Page
<p>Doubles Plus 1 <i>You want to review the double plus 1 addition facts to make this strategy useful. Again, you want students to think addition. $7 - 3$ can be re-written as $3 + 3 + 1 = 7$ so $7 - 3 = 4$</i></p>	$7 - 3 = 4$	4	S53
<p>Ten Frame and Difference of 5 <i>You want to use the ten frame to communicate these facts. You also want to link these facts to addition.</i></p>	$10 - 7 = 3$ $8 - 5 = 3$ $9 - 4 = 5$	16	S58
<p>Through 10: Going Up <i>The key idea is to add up to 10 and then add the remainder. In these facts, the subtracted part is 8 or 9.</i></p>	$13 - 9 = 9 + 1 + 3$ $13 - 9 = 4$	24	S76
<p>Through 10: Going Down <i>This is the only strategy that isn't "think addition." The difference between the numbers is 8 or 9, and the student "backs down to 10" and then backs down to the number.</i></p>	$13 - 8 =$ $13 - 3 = 10,$ $10 - 5 = 5$	24	S101
<p>No Strategy: The Left Overs <i>These are the "left over" facts, and there are only a few of them.</i></p>	$9 - 3 = 6,$ $9 - 6 = 3,$ and $7 - 4 = 3.$	3	S127

Hard Subtraction: The Doubles Plus 1 Facts

One of our main themes with subtraction is, “think addition.” In doing so, we encourage students to find the difference between two numbers. This strategy makes the theme of “think addition” explicit. It is *the same one* that we used earlier with addition. One of the best ways to communicate this strategy is to use a ten frame.



Demonstrating the Strategy

You can use the tens frame to show doubles plus 1 facts in the context of subtraction. In the example above, you would start with 3 in the way pictured. Add 3 more, and ask how many. Then take add one more. Be sure to make clear that we are “finding the difference” and that we can treat facts such as these as *doubles plus 1* facts. You can continue to use FACT FAMILY CARDS to reinforce the addition and subtraction fact relationships.

General Guidelines

Remember, use the first page of the facts set to talk about the strategy. Give students enough time to apply the strategy to the facts. *For the remaining pages*, use the mastery criterion – at least 35 correct facts out of 40 in two minutes. Duplicate fact sheets if you need to in order to give students enough practice to meet the mastery criterion. Also, look over student sheets to see if particular facts are difficult for students. If so, provide even more practice on these facts.

Name _____

Date _____

NEW FACTS		<i>Fact Strategy: Doubles Plus 1</i>		
$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	

$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$
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Name _____

Date _____

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -0 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

Name _____

Date _____

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -0 \\ \hline \end{array}$$

Name _____

Date _____

$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ - 300 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 20 \\ \hline \end{array}$
$\begin{array}{r} 500 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ - 400 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$
$\begin{array}{r} 60 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ - 100 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ - 400 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$
$\begin{array}{r} 90 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ - 100 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$
$\begin{array}{r} 90 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ - 400 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 500 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$
$\begin{array}{r} 700 \\ - 300 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ - 100 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ - 400 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 20 \\ \hline \end{array}$
$\begin{array}{r} 500 \\ - 200 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 600 \\ - 100 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 30 \\ \hline \end{array}$

Hard Subtraction: Ten Frames and Difference of 5 Facts

These facts all take advantage of the ten frame. They follow the same strategy as the Minus 1 and Minus 2 facts, and they help students “see the difference” and see how adding and subtracting facts are connected.

A Ten Frame for $10 - 2$

The diagram illustrates the subtraction $10 - 2$ using three ten frames:

- Top Ten Frame:** A 2x5 grid completely filled with 10 small black dots. To its right is a box containing the text "Start with 10".
- Middle Ten Frame:** A 2x5 grid with 8 small black dots in the top row and 2 large black dots in the bottom row. A curved arrow points from the two large dots in the bottom row back to the two dots in the top row. To its right is a box containing the text "Take these 2 away".
- Bottom Ten Frame:** A 2x5 grid with 8 small black dots in the top row and an empty bottom row. To its right is a box containing the text "Talk about the difference between 10 and 8."

Demonstrating the Strategy

In the example above, you would fill the ten frame and ask, “How many?” Take away two chips and ask, “How many?” Students should be able to count down to 8, but they should also see the relationship with $8 + 2 = 10$. To do this, show them $10 - 8$. Start with 8 chips, add 2 and count up to 10. Talk about how these facts relate to $8 + 2 = 10$.

A Ten Frame for 9 – 4

Start with 9

Take these 4 away

Talk about the difference between 9 and 5.

A similar set of procedures holds for the facts that have a difference of 5. Given the structure of the ten frame, students should be able to see the set of five that remain. Relate this fact to $5 + 4 = 9$. You can continue to use FACT FAMILY CARDS to reinforce the addition and subtraction fact relationships.

General Guidelines

Remember, use the first page of the facts set to talk about the strategy. Give students enough time to apply the strategy to the facts. *For the remaining pages*, use the mastery criterion – at least 35 correct facts out of 40 in two minutes. Duplicate fact sheets if you need to in order to give students enough practice to meet the mastery criterion. Also, look over student sheets to see if particular facts are difficult for students. If so, provide even more practice on these facts.

Name _____

Date _____

NEW FACTS		<i>Fact Rule: Ten Frames</i>			
$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$		

$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
--	---	--	---	--

$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$
--	--	--	---	--

$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$
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Name _____

Date _____

$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$
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Name _____

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$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$
---	---	---	---	--

$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
--	--	--	---	--

$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$
--	---	--	---	--

$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$
--	--	---	--	--

$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$
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Name _____

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10	100	100	100	10
<u>- 5</u>	<u>- 50</u>	<u>- 40</u>	<u>- 30</u>	<u>- 2</u>

100	10	10	10	100
<u>- 20</u>	<u>- 3</u>	<u>- 2</u>	<u>- 4</u>	<u>- 40</u>

10	100	10	100	10
<u>- 3</u>	<u>- 30</u>	<u>- 3</u>	<u>- 50</u>	<u>- 2</u>

100	10	100	10	100
<u>- 20</u>	<u>- 4</u>	<u>- 40</u>	<u>- 5</u>	<u>- 50</u>

10	100	100	100	100
<u>- 2</u>	<u>- 30</u>	<u>- 40</u>	<u>- 20</u>	<u>- 50</u>

10	100	100	10	100
<u>- 2</u>	<u>- 20</u>	<u>- 30</u>	<u>- 4</u>	<u>- 50</u>

10	10	100	100	100
<u>- 5</u>	<u>- 3</u>	<u>- 40</u>	<u>- 20</u>	<u>- 30</u>

10	100	10	100	10
<u>- 2</u>	<u>- 30</u>	<u>- 4</u>	<u>- 50</u>	<u>- 3</u>

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NEW FACTS		<i>Fact Rule: Ten Frames</i>		
$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$		

$$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

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$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$
--	--	---	---	--

$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$
--	--	---	--	---

$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$
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Name _____

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10	100	100	100	10
<u>- 7</u>	<u>- 70</u>	<u>- 80</u>	<u>- 90</u>	<u>- 8</u>

100	10	1 00	10	100
<u>- 60</u>	<u>- 5</u>	<u>- 50</u>	<u>- 6</u>	<u>- 40</u>

10	100	10	100	10
<u>- 6</u>	<u>- 60</u>	<u>- 4</u>	<u>- 40</u>	<u>- 3</u>

100	10	100	10	100
<u>- 40</u>	<u>- 7</u>	<u>- 70</u>	<u>- 8</u>	<u>- 80</u>

10	100	100	100	100
<u>- 9</u>	<u>- 90</u>	<u>- 20</u>	<u>- 50</u>	<u>- 60</u>

100	100	100	10	100
<u>- 70</u>	<u>- 50</u>	<u>- 40</u>	<u>- 3</u>	<u>- 90</u>

100	10	100	100	10
<u>- 80</u>	<u>- 5</u>	<u>- 40</u>	<u>- 60</u>	<u>- 8</u>

100	100	10	100	100
<u>- 60</u>	<u>- 50</u>	<u>- 2</u>	<u>- 30</u>	<u>- 40</u>

Name _____

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NEW FACTS		<i>Fact Rule: Difference of 5</i>			
$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$		

$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$
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6 <u>- 1</u>	60 <u>- 10</u>	600 <u>- 100</u>	7 <u>- 2</u>	70 <u>- 20</u>
700 <u>- 200</u>	8 <u>- 3</u>	80 <u>- 30</u>	800 <u>- 300</u>	9 <u>- 4</u>
90 <u>- 40</u>	900 <u>- 400</u>	60 <u>- 10</u>	80 <u>- 30</u>	800 <u>- 300</u>
70 <u>- 20</u>	60 <u>- 10</u>	600 <u>- 100</u>	700 <u>- 200</u>	90 <u>- 40</u>
9 <u>- 4</u>	900 <u>- 400</u>	80 <u>- 30</u>	800 <u>- 300</u>	6 <u>- 1</u>
60 <u>- 50</u>	700 <u>- 200</u>	800 <u>- 300</u>	600 <u>- 100</u>	80 <u>- 30</u>
9 <u>- 4</u>	90 <u>- 40</u>	900 <u>- 400</u>	9 <u>- 4</u>	60 <u>- 10</u>
600 <u>- 100</u>	700 <u>- 200</u>	60 <u>- 10</u>	900 <u>- 400</u>	800 <u>- 300</u>

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NEW FACTS		<i>Fact Rule: Difference of 5</i>		
$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

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$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$
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Name _____

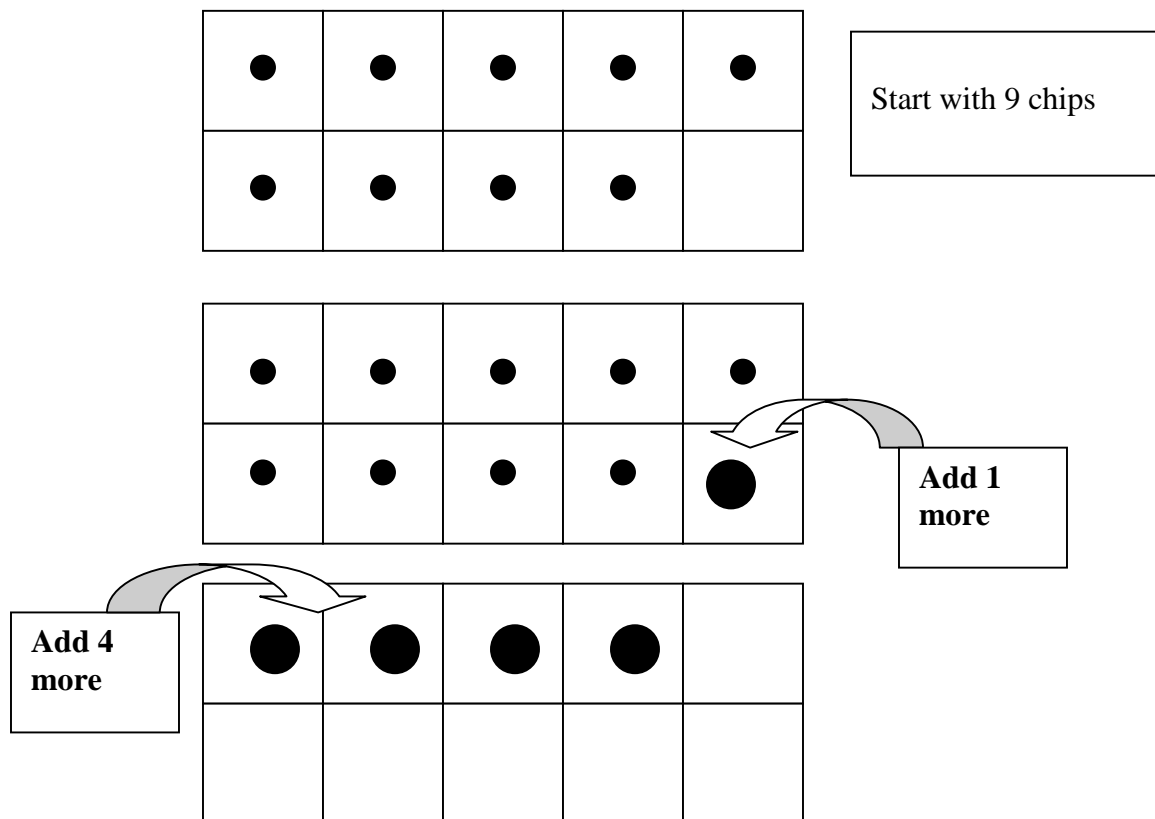
Date _____

7 <u>- 5</u>	70 <u>- 50</u>	700 <u>- 500</u>	600 <u>- 500</u>	60 <u>- 50</u>
70 <u>- 50</u>	6 <u>- 5</u>	80 <u>- 50</u>	800 <u>- 500</u>	700 <u>- 500</u>
6 <u>- 5</u>	600 <u>- 500</u>	8 <u>- 5</u>	80 <u>- 50</u>	800 <u>- 500</u>
900 <u>- 500</u>	7 <u>- 5</u>	70 <u>- 50</u>	8 <u>- 5</u>	80 <u>- 50</u>
9 <u>- 5</u>	90 <u>- 50</u>	6 <u>- 5</u>	60 <u>- 50</u>	9 <u>- 5</u>
900 <u>- 500</u>	7 <u>- 5</u>	70 <u>- 50</u>	8 <u>- 5</u>	800 <u>- 500</u>
6 <u>- 5</u>	600 <u>- 500</u>	60 <u>- 50</u>	800 <u>- 500</u>	8 <u>- 5</u>
900 <u>- 500</u>	7 <u>- 5</u>	6 <u>- 5</u>	700 <u>- 500</u>	70 <u>- 50</u>

Hard Subtraction: Through 10 - Going Up Facts

The ten frames help students understand this strategy. It also reinforces the structure of the base ten as a way of thinking about certain subtraction facts.

A Ten Frame for 14 – 9



Demonstrating the Strategy

You can use the tens frame to show build up through tens facts. In the example above, you would start with nine. Add one more and note that you've reached 10. Then add the 5 more chips. Note that you have built up to 14. Discuss the difference of 5. $14 - 9 = 5$. Point out the pattern that they used 10 to figure out the answer. Use a number of different facts to communicate the strategy. You can continue to use FACT FAMILY CARDS to reinforce the addition and subtraction fact relationships.

General Guidelines

Remember, use the first page of the facts set to talk about the strategy. Give students enough time to apply the strategy to the facts. *For the remaining pages*, use the mastery criterion – at least 35 correct facts out of 40 in two minutes. Duplicate fact sheets if you need to in order to give students enough practice to meet the mastery criterion. Also, look over student sheets to see if particular facts are difficult for students. If so, provide even more practice on these facts.

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NEW FACTS		<i>Fact Strategy: Through 10 – Going Up</i>			
$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	

$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$
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12	14	13	11	10
<u>-9</u>	<u>-9</u>	<u>-9</u>	<u>-9</u>	<u>-1</u>

8	12	5	14	11
<u>-1</u>	<u>-9</u>	<u>-4</u>	<u>-9</u>	<u>-9</u>

4	13	2	7	12
<u>-2</u>	<u>-9</u>	<u>-1</u>	<u>-2</u>	<u>-9</u>

14	3	11	6	6
<u>-9</u>	<u>-2</u>	<u>-9</u>	<u>-1</u>	<u>-5</u>

12	7	9	9	13
<u>-9</u>	<u>-5</u>	<u>-4</u>	<u>-5</u>	<u>-9</u>

4	10	14	8	11
<u>-1</u>	<u>-5</u>	<u>-9</u>	<u>-3</u>	<u>-9</u>

13	7	7	12	10
<u>-9</u>	<u>-6</u>	<u>-2</u>	<u>-9</u>	<u>-3</u>

10	14	6	6	11
<u>-2</u>	<u>-9</u>	<u>-1</u>	<u>-5</u>	<u>-9</u>

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$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$
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NEW FACTS		<i>Fact Strategy: Through 10 – Going Up</i>				
15	16	17	18	19		
<u>-9</u>	<u>-9</u>	<u>-9</u>	<u>-9</u>	<u>-9</u>	<u>-9</u>	

18	15	5	9	8
<u>-9</u>	<u>-9</u>	<u>-4</u>	<u>-0</u>	<u>-5</u>

4	16	19	12	17
<u>-2</u>	<u>-9</u>	<u>-9</u>	<u>-9</u>	<u>-9</u>

15	3	18	6	6
<u>-9</u>	<u>-2</u>	<u>-9</u>	<u>-1</u>	<u>-5</u>

12	10	11	9	16
<u>-9</u>	<u>-5</u>	<u>-9</u>	<u>-5</u>	<u>-9</u>

4	19	15	8	8
<u>-2</u>	<u>-9</u>	<u>-9</u>	<u>-2</u>	<u>-6</u>

17	7	7	12	18
<u>-9</u>	<u>-5</u>	<u>-2</u>	<u>-9</u>	<u>-9</u>

14	13	6	6	19
<u>-9</u>	<u>-9</u>	<u>-1</u>	<u>-5</u>	<u>-9</u>

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$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$
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17	170	18	180	16
<u>- 9</u>	<u>- 90</u>	<u>- 9</u>	<u>- 90</u>	<u>- 9</u>

160	15	150	19	190
<u>- 90</u>	<u>- 9</u>	<u>- 90</u>	<u>- 9</u>	<u>- 90</u>

180	150	160	170	19
<u>- 90</u>	<u>- 90</u>	<u>- 90</u>	<u>- 90</u>	<u>- 9</u>

160	18	170	16	150
<u>- 90</u>	<u>- 9</u>	<u>- 90</u>	<u>- 9</u>	<u>- 90</u>

19	190	18	160	15
<u>- 9</u>	<u>- 90</u>	<u>- 9</u>	<u>- 90</u>	<u>- 9</u>

170	16	180	190	150
<u>- 90</u>	<u>- 9</u>	<u>- 90</u>	<u>- 90</u>	<u>- 90</u>

17	18	160	170	180
<u>- 9</u>	<u>- 9</u>	<u>- 90</u>	<u>- 90</u>	<u>- 90</u>

190	15	180	16	170
<u>- 90</u>	<u>- 9</u>	<u>- 90</u>	<u>- 9</u>	<u>- 90</u>

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NEW FACTS		<i>Fact Strategy: Through 10 – Going Up</i>		
$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	

$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$
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$\begin{array}{r} 130 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 140 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 130 \\ - 80 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 140 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$
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$\begin{array}{r} 110 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 160 \\ - 90 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 150 \\ - 90 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 190 \\ - 90 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$
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$\begin{array}{r} 120 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 170 \\ - 90 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 140 \\ - 90 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 130 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 170 \\ - 90 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$
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$\begin{array}{r} 110 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 130 \\ - 90 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 140 \\ - 80 \\ \hline \end{array}$
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NEW FACTS		<i>Fact Strategy: Through 10 – Going Up</i>			
$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$		

$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$
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$$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$$

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$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 160 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 180 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$
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$\begin{array}{r} 170 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 150 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 160 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 150 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$
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$\begin{array}{r} 120 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 130 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 140 \\ - 80 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 160 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 190 \\ - 90 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 8 \\ \hline \end{array}$
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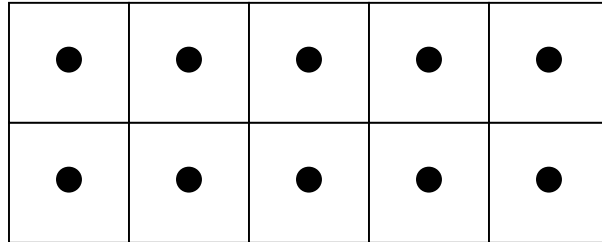
$\begin{array}{r} 180 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 150 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 180 \\ - 80 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 160 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 170 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 8 \\ \hline \end{array}$
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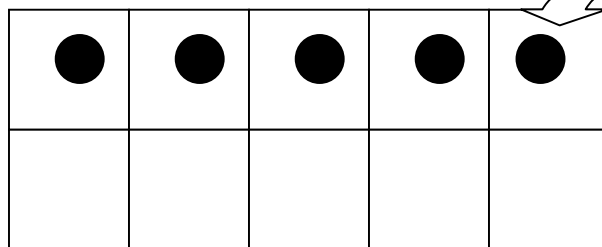
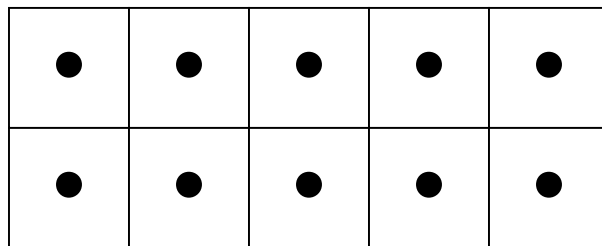
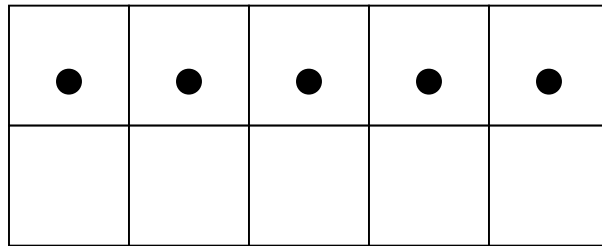
$\begin{array}{r} 150 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 170 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 160 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 180 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$
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Hard Subtraction: Through 10 - Going Down Facts

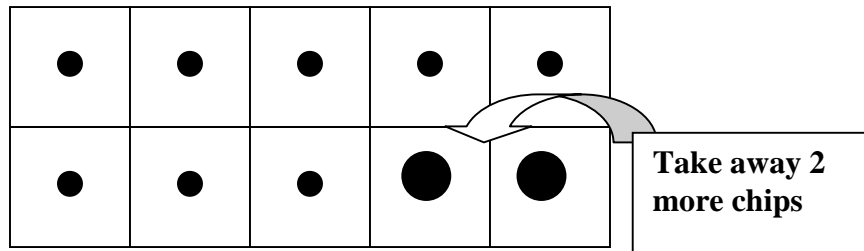
The ten frames help students understand this strategy. It also reinforces the structure of the base ten as a way of thinking about certain subtraction facts.

A Ten Frame for 15 – 7

Start with 15 chips



Take away 5 chips



Demonstrating the Strategy

You can use the tens frame to show back down through tens facts. In the example above, you would start with 15. Note that you've reached 10. Then take away 2 more chips. Note that you have reached 8. Discuss the difference of 7. $15 - 7 = 8$. Point out the pattern that they used 10 to figure out the answer." Use a number of different facts to communicate the strategy. You can continue to use FACT FAMILY CARDS to reinforce the addition and subtraction fact relationships.

General Guidelines

Remember, use the first page of the facts set to talk about the strategy. Give students enough time to apply the strategy to the facts. *For the remaining pages*, use the mastery criterion – at least 35 correct facts out of 40 in two minutes. Duplicate fact sheets if you need to in order to give students enough practice to meet the mastery criterion. Also, look over student sheets to see if particular facts are difficult for students. If so, provide even more practice on these facts.

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NEW FACTS		<i>Fact Strategy: Through 10 - Going Down</i>			
16 <u>-7</u>	15 <u>-7</u>	14 <u>-7</u>	13 <u>-7</u>	12 <u>-7</u>	11 <u>-7</u>

9 <u>-9</u>	16 <u>-7</u>	15 <u>-7</u>	13 <u>-7</u>	8 <u>-5</u>
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14 <u>-8</u>	12 <u>-7</u>	7 <u>-6</u>	7 <u>-2</u>	13 <u>-8</u>
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9 <u>-9</u>	13 <u>-9</u>	11 <u>-7</u>	16 <u>-7</u>	12 <u>-9</u>
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12 <u>-7</u>	17 <u>-9</u>	9 <u>-4</u>	9 <u>-8</u>	13 <u>-8</u>
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14 <u>-7</u>	10 <u>-5</u>	14 <u>-8</u>	8 <u>-3</u>	8 <u>-5</u>
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11 <u>-7</u>	7 <u>-6</u>	7 <u>-2</u>	16 <u>-7</u>	10 <u>-3</u>
------------------------	-----------------------	-----------------------	------------------------	------------------------

12 <u>-7</u>	13 <u>-7</u>	11 <u>-7</u>	15 <u>-7</u>	14 <u>-7</u>
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$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$
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11	110	12	120	13
<u>- 7</u>	<u>- 70</u>	<u>- 7</u>	<u>- 70</u>	<u>- 7</u>

130	14	140	15	150
<u>- 70</u>	<u>- 7</u>	<u>- 70</u>	<u>- 7</u>	<u>- 70</u>

16	160	14	140	14
<u>- 7</u>	<u>- 70</u>	<u>- 7</u>	<u>- 70</u>	<u>- 7</u>

15	150	15	150	16
<u>- 7</u>	<u>- 70</u>	<u>- 7</u>	<u>- 70</u>	<u>- 7</u>

160	110	120	140	15
<u>- 70</u>	<u>- 70</u>	<u>- 70</u>	<u>- 70</u>	<u>- 7</u>

14	150	130	160	110
<u>- 7</u>	<u>- 70</u>	<u>- 70</u>	<u>- 70</u>	<u>- 70</u>

11	120	13	140	15
<u>- 7</u>	<u>- 70</u>	<u>- 7</u>	<u>- 70</u>	<u>- 7</u>

16	130	14	110	150
<u>- 7</u>	<u>- 70</u>	<u>- 7</u>	<u>- 70</u>	<u>- 70</u>

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NEW FACTS		<i>Fact Strategy: Through 10 - Going Down</i>			
16 <u>-6</u>	15 <u>-6</u>	14 <u>-6</u>	13 <u>-6</u>	12 <u>-6</u>	11 <u>-6</u>

12 <u>-6</u>	16 <u>-6</u>	15 <u>-7</u>	13 <u>-6</u>	8 <u>-5</u>
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14 <u>-6</u>	12 <u>-7</u>	15 <u>-6</u>	7 <u>-2</u>	13 <u>-8</u>
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11 <u>-6</u>	13 <u>-9</u>	12 <u>-6</u>	16 <u>-7</u>	12 <u>-9</u>
------------------------	------------------------	------------------------	------------------------	------------------------

12 <u>-7</u>	17 <u>-9</u>	9 <u>-4</u>	9 <u>-9</u>	13 <u>-6</u>
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14 <u>-6</u>	10 <u>-5</u>	14 <u>-8</u>	8 <u>-3</u>	8 <u>-5</u>
------------------------	------------------------	------------------------	-----------------------	-----------------------

15 <u>-6</u>	7 <u>-6</u>	7 <u>-2</u>	16 <u>-6</u>	10 <u>-3</u>
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12 <u>-6</u>	13 <u>-6</u>	11 <u>-6</u>	15 <u>-7</u>	14 <u>-6</u>
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$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$
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13	130	16	160	14
<u>- 6</u>	<u>- 60</u>	<u>- 6</u>	<u>- 60</u>	<u>- 6</u>

140	11	110	15	150
<u>- 60</u>	<u>- 6</u>	<u>- 60</u>	<u>- 6</u>	<u>- 60</u>

12	120	130	150	13
<u>- 6</u>	<u>- 60</u>	<u>- 60</u>	<u>- 60</u>	<u>- 6</u>

110	160	15	140	16
<u>- 60</u>	<u>- 60</u>	<u>- 6</u>	<u>- 60</u>	<u>- 6</u>

12	120	140	150	130
<u>- 7</u>	<u>- 70</u>	<u>- 70</u>	<u>- 60</u>	<u>- 60</u>

11	110	120	12	160
<u>- 7</u>	<u>- 70</u>	<u>- 60</u>	<u>- 6</u>	<u>- 60</u>

130	140	16	160	15
<u>- 60</u>	<u>- 60</u>	<u>- 7</u>	<u>- 70</u>	<u>- 6</u>

150	130	140	12	110
<u>- 60</u>	<u>- 70</u>	<u>- 60</u>	<u>- 6</u>	<u>- 60</u>

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NEW FACTS		<i>Fact Strategy: Through 10 - Going Down</i>			
$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	

$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline \end{array}$
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13	14	12	11	7
<u>-5</u>	<u>-6</u>	<u>-7</u>	<u>-5</u>	<u>-6</u>

7	16	13	6	11
<u>-2</u>	<u>-7</u>	<u>-5</u>	<u>-5</u>	<u>-5</u>

14	12	6	17	13
<u>-8</u>	<u>-7</u>	<u>-1</u>	<u>-9</u>	<u>-9</u>

9	9	12	11	14
<u>-1</u>	<u>-8</u>	<u>-5</u>	<u>-5</u>	<u>-5</u>

12	17	14	16	13
<u>-7</u>	<u>-9</u>	<u>-7</u>	<u>-6</u>	<u>-5</u>

14	10	11	8	12
<u>-6</u>	<u>-5</u>	<u>-7</u>	<u>-3</u>	<u>-2</u>

13	7	7	10	10
<u>-5</u>	<u>-6</u>	<u>-2</u>	<u>-7</u>	<u>-3</u>

12	13	11	13	14
<u>-5</u>	<u>-7</u>	<u>-5</u>	<u>-6</u>	<u>-5</u>

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13	130	14	140	12
<u>- 5</u>	<u>- 50</u>	<u>- 5</u>	<u>- 50</u>	<u>- 5</u>

120	11	110	11	110
<u>- 50</u>	<u>- 5</u>	<u>- 50</u>	<u>- 6</u>	<u>- 60</u>

12	120	140	130	14
<u>- 6</u>	<u>- 60</u>	<u>- 50</u>	<u>- 50</u>	<u>- 6</u>

140	130	15	150	130
<u>- 60</u>	<u>- 90</u>	<u>- 6</u>	<u>- 60</u>	<u>- 50</u>

12	120	14	140	12
<u>- 7</u>	<u>- 70</u>	<u>- 5</u>	<u>- 50</u>	<u>- 5</u>

120	13	130	18	180
<u>- 50</u>	<u>- 5</u>	<u>- 50</u>	<u>- 9</u>	<u>- 90</u>

11	110	17	170	12
<u>- 5</u>	<u>- 50</u>	<u>- 9</u>	<u>- 90</u>	<u>- 5</u>

120	13	130	14	140
<u>- 50</u>	<u>- 7</u>	<u>- 70</u>	<u>- 5</u>	<u>- 50</u>

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NEW FACTS		<i>Fact Strategy: Through 10 - Going Down</i>			
13 <u>-4</u>	12 <u>-4</u>	11 <u>-4</u>	12 <u>-3</u>	11 <u>-3</u>	11 <u>-2</u>

11 <u>-2</u>	13 <u>-4</u>	15 <u>-7</u>	13 <u>-7</u>	8 <u>-5</u>
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14 <u>-8</u>	12 <u>-4</u>	9 <u>-9</u>	7 <u>-2</u>	13 <u>-8</u>
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16 <u>-6</u>	13 <u>-9</u>	11 <u>-4</u>	16 <u>-7</u>	12 <u>-3</u>
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11 <u>-3</u>	17 <u>-9</u>	9 <u>-4</u>	11 <u>-2</u>	13 <u>-8</u>
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13 <u>-4</u>	10 <u>-5</u>	12 <u>-4</u>	11 <u>-3</u>	8 <u>-5</u>
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11 <u>-2</u>	7 <u>-6</u>	7 <u>-2</u>	16 <u>-7</u>	11 <u>-4</u>
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12 <u>-4</u>	13 <u>-7</u>	11 <u>-3</u>	15 <u>-7</u>	11 <u>-2</u>
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12	15	11	11	12
<u>-4</u>	<u>-7</u>	<u>-4</u>	<u>-3</u>	<u>-3</u>

2	12	13	13	8
<u>-1</u>	<u>-4</u>	<u>-4</u>	<u>-7</u>	<u>-5</u>

14	11	12	7	13
<u>-8</u>	<u>-4</u>	<u>-6</u>	<u>-2</u>	<u>-8</u>

12	13	13	16	11
<u>-5</u>	<u>-9</u>	<u>-4</u>	<u>-7</u>	<u>-3</u>

11	17	11	11	13
<u>-3</u>	<u>-9</u>	<u>-4</u>	<u>-2</u>	<u>-8</u>

13	10	12	12	8
<u>-4</u>	<u>-5</u>	<u>-4</u>	<u>-3</u>	<u>-5</u>

11	7	7	16	13
<u>-2</u>	<u>-6</u>	<u>-2</u>	<u>-7</u>	<u>-4</u>

12	13	11	15	11
<u>-4</u>	<u>-7</u>	<u>-2</u>	<u>-9</u>	<u>-3</u>

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$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -3 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$
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$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$
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$\begin{array}{r} 11 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$
--	--	--	--	--

$\begin{array}{r} 110 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 30 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 130 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 30 \\ \hline \end{array}$
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$\begin{array}{r} 110 \\ - 60 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 50 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 130 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 40 \\ \hline \end{array}$
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$\begin{array}{r} 110 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 150 \\ - 70 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 30 \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 4 \\ \hline \end{array}$
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$\begin{array}{r} 130 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 130 \\ - 70 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 150 \\ - 90 \\ \hline \end{array}$
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Hard Subtraction: No Strategy or The Left Over Facts

Only a few facts remain. It is probably best to address these facts through memorization. There are only three facts that remain, so you create a challenge game so that they officially finish the subtraction facts. All of this simply requires focused drill and practice.

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NEW FACTS	<i>Fact Strategy: No Strategy – The Left Overs</i>			
	$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$	

$$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

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$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

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$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ - 60 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ - 600 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$
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$\begin{array}{r} 90 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ - 300 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 40 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ - 400 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 30 \\ \hline \end{array}$
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$\begin{array}{r} 110 \\ - 60 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ - 60 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$
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$\begin{array}{r} 70 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 130 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ - 300 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ - 600 \\ \hline \end{array}$
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$\begin{array}{r} 110 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ - 400 \\ \hline \end{array}$	$\begin{array}{r} 150 \\ - 70 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 30 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 120 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 4 \\ \hline \end{array}$
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$\begin{array}{r} 130 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ - 60 \\ \hline \end{array}$	$\begin{array}{r} 130 \\ - 70 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 150 \\ - 90 \\ \hline \end{array}$
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