

## Fact Strategy Practice: 3<sup>rd</sup> Grade

### Addition

<p>Pull out 20 fact cards and sort them into 2 piles: Sums greater than/equal to 10, Sums less than 10.</p>	<p>Pull out all of the “Doubles” fact cards and practice finding their sums.</p>	<p>Pull out “Near Doubles” <math>4+3</math>, <math>5+4</math>, <math>6+5</math>, <math>7+6</math>, <math>8+7</math>, and <math>9+8</math>. Find the double facts that help you solve each. <i>For example: <math>3+3</math> helps you solve <math>4+3</math>.</i></p>
<p>Pull out 20 fact cards and sort them into 2 piles: Even Sums and Odd Sums</p>	<p>Pull out 5 fact cards. Draw a picture to represent the fact. <i>For example: <math>4 + 3 = 7</math></i> ○○○○ ○○○</p>	<p>Pull out all of the facts that have a sum of 10.</p>
<p>Pull out 20 fact cards and order them by their sums from least to greatest.</p>	<p>Pull out 10 fact cards and find each fact’s commutative property match. <i>For example, <math>4+8</math> and <math>8+4</math> are a commutative property match.</i></p>	<p>Pull a fact card and use it to write an addition story problem. Draw a picture to match the story problem.</p>

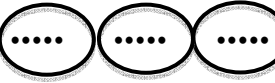
### Subtraction

<p>Pull out 20 fact cards and sort them into 2 piles: Differences greater than/equal to 5, Differences less than 5.</p>	<p>Pull out all of the facts that you can use doubles addition facts to help you find the difference.</p>	<p>Pull out the facts that you can use the “count back” strategy to solve. See how fast you can find the differences.</p>
<p>Pull out 20 fact cards and sort them into 2 piles: Even Differences and Odd Differences</p>	<p>Pull out 20 fact cards and sort them into 2 piles: Facts that have a zero (the zero can be the difference) and facts that do not have a zero.</p>	<p>Pull out 5 fact cards. Draw a picture to represent the fact. <i>For example: <math>3-1=2</math></i> ○●○</p>
<p>Pull out 20 fact cards and order them by their differences from least to greatest.</p>	<p>Pull out 10 fact cards and find each fact’s related addition fact. <i>For example, <math>6-2=4</math> and <math>4+2=6</math> are a related facts</i></p>	<p>Pull a fact card and use it to write a subtraction story problem. Draw a picture to match the story problem.</p>

The above activities should be used to help your child increase their fact fluency. Fact fluency requires students to quickly and accurately respond orally to addition and subtraction facts without halting, stumbling, or reversing oneself. (3 seconds or less). As you complete an activity each day, record a tally mark in the box to keep track of which ones you have done. When you have done all of the activities, go back and repeat them!

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## Multiplication

<p>Pull out 20 fact cards and sort them into 2 piles: Products greater than/equal to 12, Products less than 12.</p>	<p>Pull out 10 fact cards and draw an array to represent the fact. <i>For example:</i> <i>An array for <math>3 \times 4</math> looks like</i> •••• •••• ••••</p>	<p>Pull 2 fact cards. Write a comparison sentence using the two facts. Repeat 5 times. <i>For example: <math>3 \times 5 &gt; 4 \times 3</math></i></p>
<p>Pull out 20 fact cards and sort them into 2 piles: Even Products and Odd Products</p>	<p>Choose a fact card and write a story problem to match it. Draw a picture to match the story. <i>For example:</i> <i><math>5 \times 2</math></i> <i>There were 5 children. Each child had 2 balloons. How many balloons were there in all?</i></p>	<p>Pull out all of the facts that have a product of 10 or 12.</p>
<p>Pull out 20 fact cards and order them by their products from least to greatest.</p>	<p>Pull 5 fact cards and write a fact family for each one. <i>For example:</i> <i><math>3 \times 5 = 15</math></i> <i><math>5 \times 3 = 15</math></i> <i><math>15 \div 5 = 3</math></i> <i><math>15 \div 3 = 5</math></i></p>	<p>Pull out 10 fact cards and draw a picture to represent the product. <i>For example:</i> <i><math>3 \times 5</math> is 3 groups of 5</i> </p>

The above activities should be used to help your child increase their fact fluency. Fact fluency requires students to quickly and accurately respond orally to addition and subtraction facts without halting, stumbling, or reversing oneself. (3 seconds or less). As you complete an activity each day, record a tally mark in the box to keep track of which ones you have done. When you have done all of the activities, go back and repeat them!