

FIRST GRADE	Resource: <b>Fluency Mastery Checkpoints</b>					
	1 <sup>st</sup> Six Weeks	2 <sup>nd</sup> Six Weeks	3 <sup>rd</sup> Six Weeks	4 <sup>th</sup> Six Weeks	5 <sup>th</sup> Six Weeks	6 <sup>th</sup> Six Weeks
Addition	1 <sup>st</sup> Six Weeks fact families (see table 1.A) at 70%	1 <sup>st</sup> and 2 <sup>nd</sup> Six Weeks fact families (see table 1.A) at 70%	1 <sup>st</sup> – 3 <sup>rd</sup> Six Weeks fact families (see table 1.A) at 70%	1 <sup>st</sup> – 4 <sup>th</sup> Six Weeks fact families (see table 1.A) at 70%	1 <sup>st</sup> – 5 <sup>th</sup> Six Weeks fact families (see table 1.A) at 80%	Fact families within 20 at 90%
Subtraction						

**Table 1.A**

Fact families are to be taught for addition and subtraction such as $7 + 8 = 15$ represents $7 + 8 = 15$ , $8 + 7 = 15$ , $15 - 8 = 7$ and $15 - 7 = 8$ .				
1 <sup>st</sup> Six Weeks (plus 0 & plus 1)	2 <sup>nd</sup> Six Weeks (Doubles and Doubles + 1)	3 <sup>rd</sup> Six Weeks (plus 3 & plus 4)	4 <sup>th</sup> Six Weeks (plus 5 & plus 6)	5 <sup>th</sup> Six Weeks (plus 7, plus 8, plus 9, plus 10)
0 + 0 = 0	2 + 2 = 4	3 + 5 = 8	5 + 2 = 7	7 + 2 = 9
0 + 1 = 1	3 + 3 = 6	3 + 6 = 9	5 + 7 = 12	7 + 9 = 16
0 + 2 = 2	4 + 4 = 8	3 + 7 = 10	5 + 8 = 13	7 + 10 = 17
0 + 3 = 3	5 + 5 = 10	3 + 8 = 11	5 + 9 = 14	
0 + 4 = 4	6 + 6 = 12	3 + 9 = 12	5 + 10 = 15	8 + 2 = 10
0 + 5 = 5	7 + 7 = 14	3 + 10 = 13		8 + 10 = 18
0 + 6 = 6	8 + 8 = 16		6 + 2 = 8	
0 + 7 = 7	9 + 9 = 18	4 + 2 = 6	6 + 8 = 14	9 + 2 = 11
0 + 8 = 8	10 + 10 = 20	4 + 6 = 10	6 + 9 = 15	
0 + 9 = 9		4 + 7 = 11	6 + 10 = 16	10 + 2 = 12
0 + 10 = 10		4 + 8 = 12		
	2 + 3 = 5	4 + 9 = 13		
1 + 1 = 2	3 + 4 = 7	4 + 10 = 14		
1 + 2 = 3	4 + 5 = 9			
1 + 3 = 4	5 + 6 = 11			
1 + 4 = 5	6 + 7 = 13			
1 + 5 = 6	7 + 8 = 15			
1 + 6 = 7	8 + 9 = 17			
1 + 7 = 8	9 + 10 = 19			
1 + 8 = 9				
1 + 9 = 10				
1 + 10 = 11				

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	1 <sup>st</sup> Six Weeks
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Subtraction	
Fact families are to be taught for addition and subtraction such as $7 + 8 = 15$ represents $7 + 8 = 15$ , $8 + 7 = 15$ , $15 - 8 = 7$ and $15 - 7 = 8$ .	

<b>Fact Families:</b>	<b>Activities to Help at Home:</b>
<b>1<sup>st</sup> Six Weeks</b> (plus 0 & plus 1) $0 + 0 = 0$ $0 + 1 = 1$ $0 + 2 = 2$ $0 + 3 = 3$ $0 + 4 = 4$ $0 + 5 = 5$ $0 + 6 = 6$ $0 + 7 = 7$ $0 + 8 = 8$ $0 + 9 = 9$ $0 + 10 = 10$  $1 + 1 = 2$ $1 + 2 = 3$ $1 + 3 = 4$ $1 + 4 = 5$ $1 + 5 = 6$ $1 + 6 = 7$ $1 + 7 = 8$ $1 + 8 = 9$ $1 + 9 = 10$ $1 + 10 = 11$	<ul style="list-style-type: none"> <li>• Guess My Rule Game (use Rule +0 and +1)</li> </ul> <p>Websites</p> <ul style="list-style-type: none"> <li>• ABCya.com website                             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> grade</li> <li>○ Numbers                                     <ul style="list-style-type: none"> <li>❖ Marble Math Game</li> <li>❖ First to Five</li> <li>❖ Jet Ski Addition</li> <li>❖ Math Lines Addition</li> <li>❖ Math Fact Shootout</li> <li>❖ Sum of All Dice</li> </ul> </li> </ul> </li> <li>• Adapted Mind                             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> Grade Math</li> <li>○ Addition</li> </ul> </li> <li>• <a href="http://www.mathplayground.com">www.mathplayground.com</a> <ul style="list-style-type: none"> <li>○ Math Games</li> <li>○ Grade 1</li> </ul> </li> </ul> <div style="border: 2px dashed black; padding: 10px; margin: 20px auto; width: fit-content;"> <p style="text-align: center;"><b>FREE Apps</b></p> <ul style="list-style-type: none"> <li>• Sushi Monster</li> <li>• Math Heroes</li> <li>• Arithmetic Invaders Express</li> <li>• Math Puppy</li> <li>• Splash Math-1<sup>st</sup> Grade Math</li> </ul> </div>

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Addition	2 <sup>nd</sup> Six Weeks
Subtraction	
Fact families are to be taught for addition and subtraction such as $7 + 8 = 15$ represents $7 + 8 = 15$ , $8 + 7 = 15$ , $15 - 8 = 7$ and $15 - 7 = 8$ .	

Fact Families:	Activities to Help at Home:
<p><b>2<sup>nd</sup> Six Weeks</b> (Doubles and Doubles + 1)</p> <p><math>2 + 2 = 4</math>  <math>3 + 3 = 6</math>  <math>4 + 4 = 8</math>  <math>5 + 5 = 10</math>  <math>6 + 6 = 12</math>  <math>7 + 7 = 14</math>  <math>8 + 8 = 16</math>  <math>9 + 9 = 18</math>  <math>10 + 10 = 20</math></p> <p><math>2 + 3 = 5</math>  <math>3 + 4 = 7</math>  <math>4 + 5 = 9</math>  <math>5 + 6 = 11</math>  <math>6 + 7 = 13</math>  <math>7 + 8 = 15</math>  <math>8 + 9 = 17</math>  <math>9 + 10 = 19</math></p>	<ul style="list-style-type: none"> <li>• Guess My Rule Game (use Double &amp; Double +1; Rule +0 and +1)</li> <li>• Linking Cube Subtraction Game</li> <li>• I Have Two Numbers Game</li> </ul> <p>Websites</p> <ul style="list-style-type: none"> <li>• ABCya.com website             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> grade</li> <li>○ Numbers                 <ul style="list-style-type: none"> <li>❖ Marble Math Game</li> <li>❖ First to Five</li> <li>❖ Jet Ski Addition</li> <li>❖ Math Lines Addition</li> <li>❖ Math Fact Shootout</li> <li>❖ Sum of All Dice</li> </ul> </li> </ul> </li> <li>• Adapted Mind             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> Grade Math</li> <li>○ Addition</li> </ul> </li> <li>• <a href="http://www.mathplayground.com">www.mathplayground.com</a> <ul style="list-style-type: none"> <li>○ Math Games</li> <li>○ Grade 1</li> </ul> </li> </ul> <div style="border: 2px dashed black; padding: 10px; margin-top: 20px;"> <p style="text-align: center;">FREE Apps</p> <ul style="list-style-type: none"> <li>• Sushi Monster</li> <li>• Math Heroes</li> <li>• Arithmetic Invaders Express</li> <li>• Math Puppy</li> <li>• Splash Math-1<sup>st</sup> Grade Math</li> </ul> </div>

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Addition	3 <sup>rd</sup> Six Weeks
Subtraction	
Fact families are to be taught for addition and subtraction such as $7 + 8 = 15$ represents $7 + 8 = 15$ , $8 + 7 = 15$ , $15 - 8 = 7$ and $15 - 7 = 8$ .	

Fact Families:	Activities to Help at Home:
<p><b>3<sup>rd</sup> Six Weeks</b> (plus 3 &amp; plus 4)</p> <p><math>3 + 5 = 8</math>  <math>3 + 6 = 9</math>  <math>3 + 7 = 10</math>  <math>3 + 8 = 11</math>  <math>3 + 9 = 12</math>  <math>3 + 10 = 13</math></p> <p><math>4 + 2 = 6</math>  <math>4 + 6 = 10</math>  <math>4 + 7 = 11</math>  <math>4 + 8 = 12</math>  <math>4 + 9 = 13</math>  <math>4 + 10 = 14</math></p>	<ul style="list-style-type: none"> <li>• Guess My Rule Game (use +3, +4; Double &amp; Double +1; +0 and +1)</li> <li>• Domino Drill</li> <li>• Make 10 Game</li> </ul> <p>Websites</p> <ul style="list-style-type: none"> <li>• ABCya.com website             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> grade</li> <li>○ Numbers                 <ul style="list-style-type: none"> <li>❖ Marble Math Game</li> <li>❖ First to Five</li> <li>❖ Jet Ski Addition</li> <li>❖ Math Lines Addition</li> <li>❖ Math Fact Shootout</li> <li>❖ Sum of All Dice</li> </ul> </li> </ul> </li> <li>• Adapted Mind             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> Grade Math</li> <li>○ Addition</li> </ul> </li> <li>• <a href="http://www.mathplayground.com">www.mathplayground.com</a> <ul style="list-style-type: none"> <li>○ Math Games</li> <li>○ Grade 1</li> </ul> </li> </ul> <div style="border: 2px dashed black; padding: 10px; margin-top: 20px; text-align: center;"> <p><b>FREE Apps</b></p> <ul style="list-style-type: none"> <li>• Sushi Monster</li> <li>• Math Heroes</li> <li>• Arithmetic Invaders Express</li> <li>• Math Puppy</li> <li>• Splash Math-1<sup>st</sup> Grade Math</li> </ul> </div>

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Addition	4 <sup>th</sup> Six Weeks
Subtraction	
Fact families are to be taught for addition and subtraction such as $7 + 8 = 15$ represents $7 + 8 = 15$ , $8 + 7 = 15$ , $15 - 8 = 7$ and $15 - 7 = 8$ .	

Fact Families:	Activities to Help at Home:
<p><b>4<sup>th</sup> Six Weeks</b> (plus 5 &amp; plus 6)</p> <p><math>5 + 2 = 7</math>  <math>5 + 7 = 12</math>  <math>5 + 8 = 13</math>  <math>5 + 9 = 14</math>  <math>5 + 10 = 15</math></p> <p><math>6 + 2 = 8</math>  <math>6 + 8 = 14</math>  <math>6 + 9 = 15</math>  <math>6 + 10 = 16</math></p>	<ul style="list-style-type: none"> <li>• Guess My Rule Game (use +0-6; Double &amp; Double +1)</li> <li>• Counter Toss Game</li> <li>• Double Compare Game</li> </ul> <p>Websites</p> <ul style="list-style-type: none"> <li>• ABCya.com website             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> grade</li> <li>○ Numbers                 <ul style="list-style-type: none"> <li>❖ Marble Math Game</li> <li>❖ First to Five</li> <li>❖ Jet Ski Addition</li> <li>❖ Math Lines Addition</li> <li>❖ Math Fact Shootout</li> <li>❖ Sum of All Dice</li> </ul> </li> </ul> </li> <li>• Adapted Mind             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> Grade Math</li> <li>○ Addition</li> </ul> </li> <li>• <a href="http://www.mathplayground.com">www.mathplayground.com</a> <ul style="list-style-type: none"> <li>○ Math Games</li> <li>○ Grade 1</li> </ul> </li> </ul> <div style="border: 2px dashed black; padding: 10px; margin-top: 20px; text-align: center;"> <p><b>FREE Apps</b></p> <ul style="list-style-type: none"> <li>• Sushi Monster</li> <li>• Math Heroes</li> <li>• Arithmetic Invaders Express</li> <li>• Math Puppy</li> <li>• Splash Math-1<sup>st</sup> Grade Math</li> </ul> </div>

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Addition	5 <sup>th</sup> Six Weeks
Subtraction	
Fact families are to be taught for addition and subtraction such as $7 + 8 = 15$ represents $7 + 8 = 15$ , $8 + 7 = 15$ , $15 - 8 = 7$ and $15 - 7 = 8$ .	

Fact Families:	Activities to Help at Home:
<b>5<sup>th</sup> Six Weeks</b> (plus 7, plus 8, plus 9, plus 10)  $7 + 2 = 9$ $7 + 9 = 16$ $7 + 10 = 17$  $8 + 2 = 10$ $8 + 10 = 18$  $9 + 2 = 11$  $10 + 2 = 12$	<ul style="list-style-type: none"> <li>• Guess My Rule Game (use +0-10; Double &amp; Double +1)</li> <li>• Go Fish Game</li> <li>• The Difference Game</li> </ul> Websites <ul style="list-style-type: none"> <li>• ABCya.com website                             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> grade</li> <li>○ Numbers                                     <ul style="list-style-type: none"> <li>❖ Marble Math Game</li> <li>❖ First to Five</li> <li>❖ Jet Ski Addition</li> <li>❖ Math Lines Addition</li> <li>❖ Math Fact Shootout</li> <li>❖ Sum of All Dice</li> </ul> </li> </ul> </li> <li>• Adapted Mind                             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> Grade Math</li> <li>○ Addition</li> </ul> </li> <li>• <a href="http://www.mathplayground.com">www.mathplayground.com</a> <ul style="list-style-type: none"> <li>○ Math Games</li> <li>○ Grade 1</li> </ul> </li> </ul> <div style="border: 2px dashed black; padding: 10px; margin-top: 20px;"> <p style="text-align: center;"><b>FREE Apps</b></p> <ul style="list-style-type: none"> <li>• Sushi Monster</li> <li>• Math Heroes</li> <li>• Arithmetic Invaders Express</li> <li>• Math Puppy</li> <li>• Splash Math-1<sup>st</sup> Grade Math</li> </ul> </div>

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Addition	6 <sup>th</sup> Six Weeks
Subtraction	
Fact families are to be taught for addition and subtraction such as $7 + 8 = 15$ represents $7 + 8 = 15$ , $8 + 7 = 15$ , $15 - 8 = 7$ and $15 - 7 = 8$ .	

Fact Families:	Activities to Help at Home:
Review all addition and subtraction facts learned throughout the year.	<ul style="list-style-type: none"> <li>• Guess My Rule Game (use all rules)</li> <li>• Pick a Card, Not Just Any Card Game</li> <li>• Cross Out Singles Game</li> </ul> <p>Websites</p> <ul style="list-style-type: none"> <li>• ABCya.com website                             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> grade</li> <li>○ Numbers                                     <ul style="list-style-type: none"> <li>❖ Marble Math Game</li> <li>❖ First to Five</li> <li>❖ Jet Ski Addition</li> <li>❖ Math Lines Addition</li> <li>❖ Math Fact Shootout</li> <li>❖ Sum of All Dice</li> </ul> </li> </ul> </li> <li>• Adapted Mind                             <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> Grade Math</li> <li>○ Addition</li> </ul> </li> <li>• <a href="http://www.mathplayground.com">www.mathplayground.com</a> <ul style="list-style-type: none"> <li>○ Math Games</li> <li>○ Grade 1</li> </ul> </li> </ul> <div style="border: 2px dashed black; padding: 10px; margin-top: 20px;"> <p style="text-align: center;"><b>FREE Apps</b></p> <ul style="list-style-type: none"> <li>• Sushi Monster</li> <li>• Math Heroes</li> <li>• Arithmetic Invaders Express</li> <li>• Math Puppy</li> <li>• Splash Math-1<sup>st</sup> Grade Math</li> </ul> </div>

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