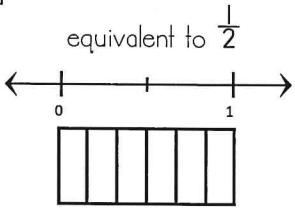
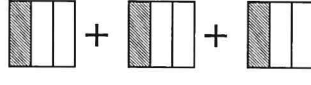
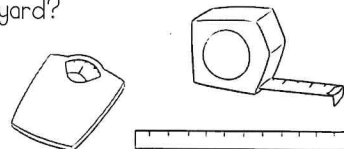

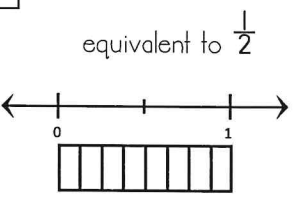
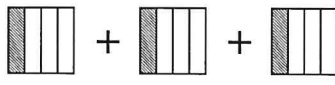
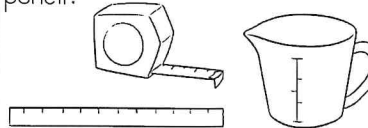



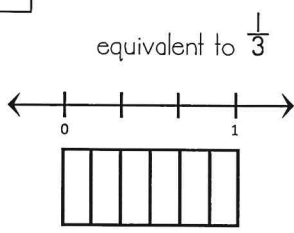

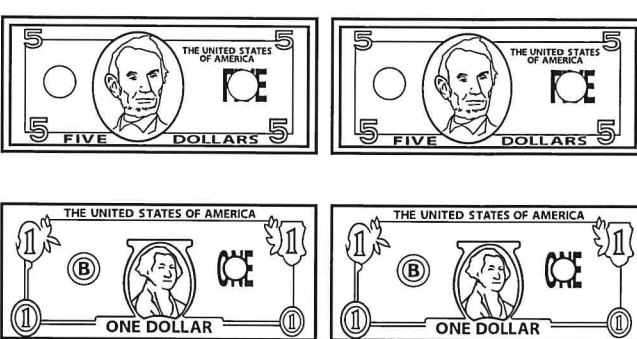
Monday

<p>1 We traveled two thousand, eighty-nine miles. Write this number in standard form.</p>	<p>2 Round the following numbers to the nearest hundreds place.</p> <p>4,357 987 1,113</p>	<p>3 Find the product.</p> <p><math>63 \times 6 =</math></p>	<p>4 We spent \$2,383 on vacation, but we received a \$287 discount. How much did we spend after the discount?</p>
<p>5 Shade a fraction that is equivalent to <math>\frac{1}{2}</math></p> 	<p>6 Find the sum.</p> 	<p>7 Which would best help you measure the length of your backyard?</p> 	<p>8 I arrive to school at 8:15. If I was 20 minutes late, what time did school start?</p>
<p>9 What is the fewest number of coins you could use to make 43¢?</p>	<p>10 If the pattern continues, what numbers will come next?</p> <p>135, 140, 145, _____, _____</p>	<p>11 Solve for the unknown.</p> <p><math>45 + \square = 55</math></p>	<p>12 Which shape doesn't belong? Why?</p> 

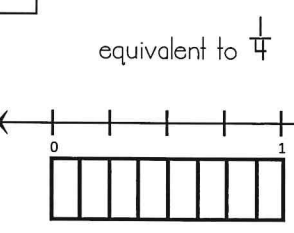

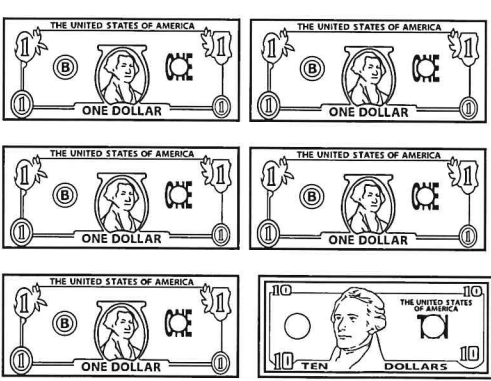
Tuesday

<p>1 The motorbike cost eight thousand, two hundred forty dollars. Write this number in standard form.</p>	<p>2 Round the following numbers to the nearest tens place.</p> <p>4,357 987 1,113</p>	<p>3 Find the product.</p> <p><math>53 \times 4 =</math></p>	<p>4 We spent \$254 on tickets to the amusement park. While there we spent \$89 on food and games. How much did we spend in all?</p>
<p>5 Shade a fraction that is equivalent to <math>\frac{1}{2}</math></p> 	<p>6 Find the sum.</p> 	<p>7 Which would best help you measure the length of your pencil?</p> 	<p>8 We boarded the plane at 2:05. The plane landed at 3:05. How long was the flight?</p>
<p>9 What is the fewest number of coins you could use to make 19¢?</p>	<p>10 If the pattern continues, what numbers will come next?</p> <p>890, 880, 870, _____, _____</p>	<p>11 Solve for the unknown.</p> <p><math>4 \times \square = 36</math></p>	<p>12 Which shape doesn't belong? Why?</p> 

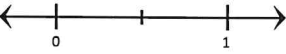







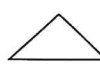
# Wednesday

<p>1 My grand parents live one thousand, eight hundred four miles from me. What is this number in standard form?</p>	<p>2 Round the following numbers to the nearest thousands place.</p> <p>4,357 4,987 1,113</p>	<p>3 Find the product.</p> <p><math>25 \times 7 =</math></p>	<p>4 It cost \$3,269 for my family's airplane tickets. We received a \$125 discount. How much is the cost now?</p>
<p>5 Shade a fraction that is equivalent to <math>\frac{1}{3}</math></p> 	<p>6 Find the sum.</p> 	<p>7 What is the total of the bills shown below?</p>  <p>Circle the number sentence that shows another way these could be added:</p> <p><math>\\$5 + \\$5 + \\$5</math>     <math>\\$10 + \\$2</math>     <math>\\$5 + \\$3</math></p>	
<p>8 What is the fewest number of coins you could use to make 35¢?</p>	<p>9 If the pattern continues, what numbers will come next?</p> <p>5, 12, 19, _____, _____</p>		

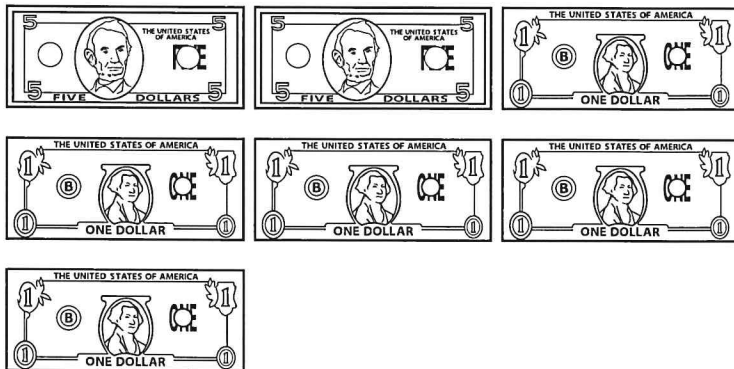
# Thursday

<p>1 Write thirteen thousand, five hundred eight-six in standard form.</p>	<p>2 Round the following numbers to the nearest thousands place.</p> <p>24,293 12,678 49,104 12,507</p>	<p>3 Find the product.</p> <p><math>39 \times 4 =</math></p>	<p>4 There were 590 students in school this year. Then, 67 students moved. How many students are there now?</p>
<p>5 Shade a fraction that is equivalent to <math>\frac{1}{4}</math></p> 	<p>6 Find the sum.</p> 	<p>7 What is the total of the bills shown below?</p>  <p>Circle the number sentence that shows another way these could be added:</p> <p><math>\\$5 + \\$10</math>     <math>\\$4 + \\$1</math>     <math>\\$10 + \\$1 + \\$1 + \\$1 + \\$1</math></p>	
<p>8 I read for 35 minutes. If I started reading at 6:45, what time did I finish reading?</p>	<p>9 Solve for the unknown.</p> <p><math>9 \times \square = 54</math></p>		

# Friday Check-In

<p>1 We traveled four thousand, eight hundred ninety miles. What is this number in standard form?</p> <p>(a) 4,809 (b) 489 (c) 4,890</p>	<p>2 What is 15,478 rounded to the nearest thousands place?</p> <p>(a) 15,500 (b) 15,000 (c) 16,000</p>	<p>3 Solve.</p> $49 \times 5 =$ <p>(a) 235 (b) 238 (c) 245</p>	<p>4 We need to save \$4,360. So far we have saved \$1,892. How much more money do we need to save?</p> <p>(a) \$2,468 (b) \$2,463 (c) \$6,252</p>
<p>5 What fraction is equivalent to <math>\frac{1}{2}</math>?</p>  <p>(a)  (b)  (c) </p>	<p>6 Find the sum.</p>  <p>(a) <math>\frac{3}{6}</math> (b) <math>\frac{3}{9}</math> (c) <math>\frac{3}{8}</math></p>	<p>7 Which tool would best help you measure the length of your shoe?</p> <p>(a) a ruler (b) a yardstick (c) a scale</p>	<p>8 I started reading at 2:50. I read for twenty minutes. What time did I finish reading?</p> <p>(a) 2:55 (b) 3:10 (c) 3:20</p>
<p>9 What is the fewest number of coins you can use to make the amount 52¢?</p> <p>(a) 2 (b) 4 (c) 5</p>	<p>10 If the pattern continues, what numbers will come next?</p> <p>134, 130, 126, 122, _____</p> <p>(a) 120 (b) 118 (c) 116</p>	<p>11 Solve for the unknown.</p> $86 - \square = 76$ <p>(a) 10 (b) 15 (c) 20</p>	<p>12 Which shape doesn't belong?</p>  <p>(a)  (b)  (c) </p>

Use the picture to help you solve the problem.





13 What number sentence could be used to find the sum?

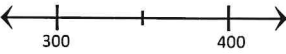
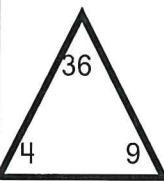
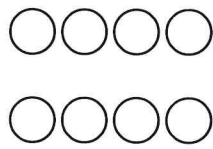
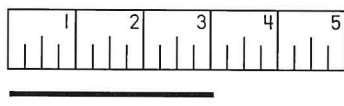

- (a) \$5 + \$5  
(b) \$10 + \$5  
(c) \$5 + \$5 + \$10



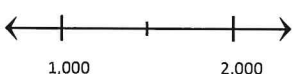
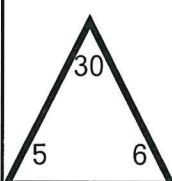
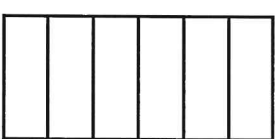
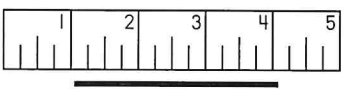

# Answer Keys

Week	Monday	Tuesday	Wednesday	Thursday	Check-In
Week 20	<ol style="list-style-type: none"> <li>2,089</li> <li>4,400 / 1,000 / 1,100</li> <li>378</li> <li>2,096</li> <li>3/6 shaded</li> <li>3/3 or 1 whole</li> <li>Tape measure</li> <li>7:55</li> <li>1 quarter, 1 dime, 1 nickel, 3 pennies</li> <li>150, 155</li> <li>10</li> <li>Triangle—It has 3 sides and the other shapes have 4 sides.</li> </ol>	<ol style="list-style-type: none"> <li>8,240</li> <li>4,360, 990, 1,110</li> <li>212</li> <li>\$343</li> <li>4/8</li> <li>3/4</li> <li>ruler</li> <li>1 hour</li> <li>1 dime, 1 nickel, 4 pennies</li> <li>860, 850</li> <li>9</li> <li>trapezoid— it has 4 sides.</li> </ol>	<ol style="list-style-type: none"> <li>1,804</li> <li>4,000 / 5,000 / 1,000</li> <li>175</li> <li>3,144</li> <li>2/6</li> <li>5/5 = 1 whole</li> <li>\$10 + \$2</li> <li>1 quarter, 1 dime</li> <li>27, 34</li> </ol>	<ol style="list-style-type: none"> <li>13,586</li> <li>24,000 / 13,000 / 49,000 / 13,000</li> <li>156</li> <li>523</li> <li>2/8</li> <li>4/4 = 1 whole</li> <li>\$5 + \$10</li> <li>7:20</li> <li>6</li> </ol>	<ol style="list-style-type: none"> <li>C</li> <li>B</li> <li>C</li> <li>A</li> <li>B</li> <li>C</li> <li>A</li> <li>B</li> <li>B</li> <li>A</li> <li>C</li> <li>B</li> </ol>
<del>Week 21</del>	<ol style="list-style-type: none"> <li>14,167 / 14,367 / 13,267 / 15,267</li> <li>Martha</li> <li>6</li> <li>3,330</li> <li>3/5</li> <li>&gt;</li> <li>16 units</li> <li>3 1/2 inches</li> <li>51¢</li> <li></li> <li>12, 18, 24, 30, 36</li> <li>Rectangles and squares</li> </ol>	<ol style="list-style-type: none"> <li>9,348 / 9,548 / 8,448 / 10,448</li> <li>Luke</li> <li>3</li> <li>3,796</li> <li>1 whole</li> <li>&gt;</li> <li>20 units</li> <li>4 1/2 inches</li> <li>26¢</li> <li>Add 3</li> <li>14, 21, 28, 35, 42</li> <li>2 circles</li> </ol>	<ol style="list-style-type: none"> <li>62,284 / 62,484 / 61,384 / 63,384</li> <li>April</li> <li>4</li> <li>2,093</li> <li>1 whole</li> <li>&gt;</li> <li>3/8</li> <li>18 units</li> <li>3 1/2 inches</li> </ol>	<ol style="list-style-type: none"> <li>57,220 / 57,420 / 56,320 / 58,320</li> <li>April</li> <li>4</li> <li>515</li> <li>6/9</li> <li>&lt;</li> <li><math>\frac{2}{8}</math> <math>\frac{4}{8}</math> <math>\frac{6}{8}</math> <math>\frac{8}{8}</math></li> <li></li> <li>16, 24, 32, 40, 48</li> </ol>	<ol style="list-style-type: none"> <li>C</li> <li>B</li> <li>C</li> <li>A</li> <li>A</li> <li>C</li> <li>C</li> <li>B</li> <li>C</li> <li>B</li> <li>See below</li> <li>12, 18, 24, 30, 36</li> <li>14, 21, 28, 35, 42</li> <li>16, 24, 32, 40, 48</li> <li>A</li> <li>B</li> </ol>

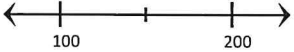
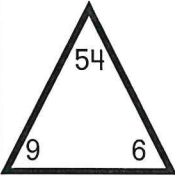
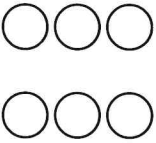













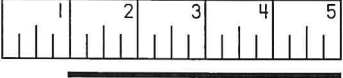
Monday

<p>1 Mark the most reasonable location for the 310 on the number line below.</p> 	<p>2 Write the missing equation for the fact family.</p>  <p style="margin-left: 100px;"> <math>4 \times 9 = 36</math>  <math>9 \times 4 = 36</math>  <math>36 \div 9 = 4</math> </p>	<p>3</p> <p><math>12 \div 4 =</math>      <math>20 \div 5 =</math></p> <p><math>12 \div 3 =</math>      <math>20 \div 4 =</math></p> <p><math>16 \div 4 =</math>      <math>16 \div 2 =</math></p>	<p>4 Find the sum.</p> <p style="text-align: center;"><math>328 + 1,016</math></p>								
<p>5 Shade <math>\frac{5}{8}</math> of the circles.</p> 	<p>6 Put the fractions in order least to greatest.</p> <p style="text-align: center;"><math>\frac{2}{4}</math>   <math>\frac{1}{4}</math>   <math>\frac{3}{4}</math></p>	<p>7 How many inches long is the line?</p> 	<p>8 The show started at 1:45. I am 20 minutes late. What time do I arrive?</p>								
<p>9 I bought a hot dog for \$3 and a drink for \$2. Then, I bought a t-shirt for \$10. How much did I spend in all?</p>	<p>10 Insert <math>&gt;</math>, <math>&lt;</math>, or <math>=</math> to make the equation true.</p> <p style="text-align: center;"><math>5 \times 0</math> <input type="checkbox"/> <math>5 \times 0</math></p>	<p>11 What is the rule for the input/output table below?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>12</td> </tr> <tr> <td>4</td> <td>13</td> </tr> <tr> <td>5</td> <td>14</td> </tr> </tbody> </table>	In	Out	3	12	4	13	5	14	<p>12 Circle the angles that are greater than a right angle.</p> 
In	Out										
3	12										
4	13										
5	14										

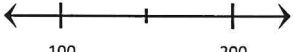
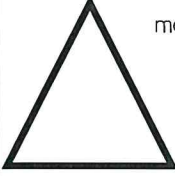













Tuesday

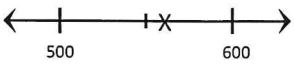
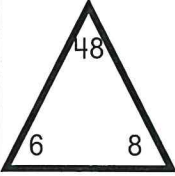



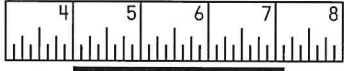
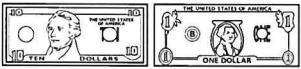
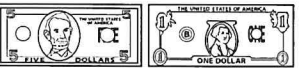
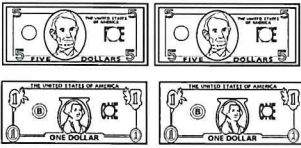



<p>1 Mark the most reasonable location for the 1,800 on the number line below.</p> 	<p>2 Write the missing equation for the fact family.</p>  <p style="margin-left: 100px;"> <math>5 \times 6 = 30</math>  <math>30 \div 6 = 5</math>  <math>30 \div 5 = 6</math> </p>	<p>3</p> <p><math>8 \div 4 =</math>      <math>15 \div 5 =</math></p> <p><math>8 \div 2 =</math>      <math>12 \div 4 =</math></p> <p><math>15 \div 3 =</math>      <math>16 \div 8 =</math></p>	<p>4 Find the difference.</p> <p style="text-align: center;"><math>5,301 - 245</math></p>								
<p>5 Shade <math>\frac{3}{6}</math> of the rectangle.</p> 	<p>6 Put the fractions in order least to greatest.</p> <p style="text-align: center;"><math>\frac{8}{9}</math>   <math>\frac{5}{9}</math>   <math>\frac{3}{9}</math></p>	<p>7 How many inches long is the line?</p> 	<p>8 I started walking at 6:20. I walked for 25 minutes. What time is it now?</p>								
<p>9 I have four nickels and a penny. My cousin gives me three dimes. How much money do I have now?</p>	<p>10 Insert <math>&gt;</math>, <math>&lt;</math>, or <math>=</math> to make the equation true.</p> <p style="text-align: center;"><math>100 \times 1</math> <input type="checkbox"/> <math>100 + 0</math></p>	<p>11 What is the rule for the input/output table below?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>0</td> </tr> <tr> <td>8</td> <td>0</td> </tr> <tr> <td>9</td> <td>0</td> </tr> </tbody> </table>	In	Out	7	0	8	0	9	0	<p>12 Circle the angles that are less than a right angle.</p> 
In	Out										
7	0										
8	0										
9	0										

# Wednesday





<p>1 Mark the most reasonable location for 205 on the number line below.</p> 	<p>2 Write the missing equation for the fact family.</p>  <p> <math>6 \times 9 = 54</math>  <math>9 \times 6 = 54</math>  <math>54 \div 9 = 6</math> </p>	<p>3</p> <p> <math>18 \div 6 =</math>      <math>18 \div 2 =</math>  <math>18 \div 3 =</math>      <math>15 \div 3 =</math>  <math>18 \div 9 =</math>      <math>10 \div 2 =</math> </p>	<p>4 Find the sum.</p> <p style="text-align: center;"><math>225 + 517</math></p>										
<p>5 Shade <math>\frac{4}{6}</math> of the circles.</p> 	<p>6 Put the fractions in order least to greatest.</p> <p style="text-align: center;"><math>\frac{7}{8}</math>    <math>\frac{2}{8}</math>    <math>\frac{6}{8}</math></p>	<p>7</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Favorite Donut</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Chocolate</td> <td style="text-align: center;"></td> </tr> <tr> <td style="padding: 5px;">Glazed</td> <td style="text-align: center;"></td> </tr> <tr> <td style="padding: 5px;">Maple</td> <td style="text-align: center;"></td> </tr> <tr> <td style="padding: 5px;">Sprinkles</td> <td style="text-align: center;"></td> </tr> </tbody> </table> <p style="text-align: right;"> = 10 people</p> <p>How many people prefer maple donuts?</p> <p>How many people prefer chocolate donuts?</p> <p>What is the most popular type of donut?</p>		Favorite Donut		Chocolate		Glazed		Maple		Sprinkles	
Favorite Donut													
Chocolate													
Glazed													
Maple													
Sprinkles													
<p>8 How many inches long is the line?</p> 	<p>9 Basketball practice starts at 6:15. We practice for 35 minutes. What time do we end practice?</p>												


# Thursday

<p>1 Mark the most reasonable location for the 145 on the number line below.</p> 	<p>2 Create your own fact family and number sentences to match.</p> 	<p>3</p> <p> <math>25 \div 5 =</math>      <math>30 \div 3 =</math>  <math>30 \div 5 =</math>      <math>30 \div 10 =</math>  <math>30 \div 6 =</math>      <math>16 \div 2 =</math> </p>	<p>4 Find the difference.</p> <p style="text-align: center;"><math>782 - 78</math></p>																		
<p>5 Insert <math>&gt;</math>, <math>&lt;</math>, or <math>=</math> to make the equation true.</p> <p style="text-align: center;"><math>5 \times 1 \square 5 \times 0</math></p>	<p>6 What is the rule for the input/output table below?</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">In</th> <th style="padding: 5px;">Out</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">7</td> <td style="padding: 5px;">7</td> </tr> <tr> <td style="padding: 5px;">8</td> <td style="padding: 5px;">8</td> </tr> <tr> <td style="padding: 5px;">9</td> <td style="padding: 5px;">9</td> </tr> </tbody> </table>	In	Out	7	7	8	8	9	9	<p>7</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Favorite Donut</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Chocolate</td> <td style="text-align: center;"></td> </tr> <tr> <td style="padding: 5px;">Glazed</td> <td style="text-align: center;"></td> </tr> <tr> <td style="padding: 5px;">Maple</td> <td style="text-align: center;"></td> </tr> <tr> <td style="padding: 5px;">Sprinkles</td> <td style="text-align: center;"></td> </tr> </tbody> </table> <p style="text-align: right;"> = 10 students</p> <p>How many more people like chocolate than glazed?</p> <p>How many more people like sprinkles than maple?</p> <p>How many people like either glazed or sprinkles?</p>		Favorite Donut		Chocolate		Glazed		Maple		Sprinkles	
In	Out																				
7	7																				
8	8																				
9	9																				
Favorite Donut																					
Chocolate																					
Glazed																					
Maple																					
Sprinkles																					
<p>8 My dad gave me 2 quarters. I already had 3 dimes. How much money do I have now?</p>	<p>9 Draw an angle that is greater than a right angle.</p>																				

<p><b>1</b> What number is represented by the X?</p>  <p>(a) 520 (b) 540 (c) 560</p>	<p><b>2</b> What is the missing equation for the fact family?</p>  <p> <math>6 \times 8 = 48</math>  <math>8 \times 6 = 48</math>  <math>48 \div 6 = 8</math> </p> <p>(a) <math>46 \div 8 = 6</math> (b) <math>48 \div 8 = 6</math>              (c) <math>6 \times 48 = 8</math> (d) <math>6 + 8 = 48</math></p>	<p><b>3</b> Solve.</p> <p><math>64 \div 8 =</math></p> <p>(a) 6 (b) 8 (c) 9</p>	<p><b>4</b> Find the sum.</p> <p><math>443 + 1,207</math></p> <p>(a) 1,640              (b) 1,649              (c) 1,650</p>								
<p><b>5</b> Which set has <math>\frac{4}{6}</math> shaded?</p> <p>(a) </p> <p>(b) </p> <p>(c) </p>	<p><b>6</b> Which list puts the fractions in order from least to greatest?</p> <p>(a) <math>\frac{1}{6}</math> <math>\frac{1}{4}</math> <math>\frac{1}{3}</math>              (b) <math>\frac{1}{3}</math> <math>\frac{1}{4}</math> <math>\frac{1}{6}</math>              (c) <math>\frac{1}{4}</math> <math>\frac{1}{3}</math> <math>\frac{1}{6}</math></p>	<p><b>7</b> How many inches long is the line?</p>  <p>(a) 2 in (b) 3 in (c) 4 in</p>	<p><b>8</b> Practice starts at 2:30. If I arrive 15 minutes late, what time do I arrive?</p> <p>(a) 2:35              (b) 2:40              (c) 2:45</p>								
<p><b>9</b> I buy a hamburger for \$6, popcorn for \$4, and a drink for \$1. Which of the following shows my total spent?</p> <p>(a) </p> <p>(b) </p> <p>(c) </p>	<p><b>10</b> Insert <math>&gt;</math>, <math>&lt;</math>, or <math>=</math> to make the equation true.</p> <p><math>9 \times 0</math> <input type="checkbox"/> <math>0 \times 9</math></p> <p>(a) <math>&gt;</math>              (b) <math>&lt;</math>              (c) <math>=</math></p>	<p><b>11</b> What is the rule for the input/output table?</p> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>18</td> </tr> <tr> <td>7</td> <td>21</td> </tr> <tr> <td>8</td> <td>24</td> </tr> </tbody> </table> <p>(a) Add 1              (b) Multiply by 3              (c) Add 12</p>	In	Out	6	18	7	21	8	24	<p><b>12</b> Which angle is larger than a right angle?</p> <p>(a) </p> <p>(b) </p> <p>(c) </p>
In	Out										
6	18										
7	21										
8	24										

Use the pictograph to help you answer the questions.

Favorite Pizza	
Cheese	
Sausage	
Pepperoni	
Hawaiian	

 = 10 students

**13** How many more students prefer pepperoni pizza than cheese pizza?

(a) 2  
 (b) 10  
 (c) 20



# Answer Keys

Week	Monday	Tuesday	Wednesday	Thursday	Check-In
<del>Week 18</del>	1. 8,921 2. \$57,450 3. 5,192 4. 20 5. \$807 6. 45, 8, 50 36, 72, 15 7. \$24 8. 2 9. 2/3 10. Trapezoid 11. See student work. 12. \$8	1. 42,876 2. 14,592 3. 8,920 4. 11 5. \$205 6. 20, 30, 32 42, 63, 40 7. 72 8. 8 9. 5/7 10. square 11. See student work. 12. \$15	1. 384 2. 3,592 3. 7,999 4. 10 5. 81, 16, 24 48, 64, 12 6. 117 7. 2/8, 2/6, 2/3 8. 1/5 9. Equilateral triangle	1. 20,376 2. 4,692 3. 12,200 4. 81 5. 20, 42, 32 36, 40, 21 6. \$28 7. 3/8, 3/6, 3/4 8. 3/6 9. Student should draw a rectangle or square.	1. C 2. B 3. A 4. C 5. B 6. C 7. B 8. A 9. A 10. B 11. Check student work 12. C 13. B
Week 19	1. Check student work 2. $36 \div 4 = 9$ 3. 3, 4, 4 4, 5, 8 4. 1,344 5. Check student work 6. 1/4, 2/4, 3/4 7. 3 inches 8. 2:05 9. \$15 10. = 11. Add 9 12. Obtuse angle	1. Check student work. 2. $6 \times 5 = 30$ 3. 2, 4, 5 3, 3, 2 4. 5,056 5. Check student work. 6. 3/9, 5/9, 8/9 7. 3 inches 8. 6:45 9. 51¢ 10. = 11. multiply by 0 12. TWO acute angles	1. Check student work. 2. $54 \div 6 = 9$ 3. 3, 6, 2 9, 5, 5 4. 742 5. Check student work. 6. 2/8, 6/8, 7/8 7. 20 / 50 / sprinkles 8. 4 inches 9. 6:50	1. Check student work. 2. Answers will vary. 3. 5, 6, 5 10, 3, 8 4. 704 5. > 6. Multiply by 1 or Add 0 7. 20 / 60 / 110 8. 80¢ 9. Answers will vary.	1. C 2. B 3. B 4. C 5. C 6. A 7. B 8. C 9. A 10. C 11. B 12. A 13. C



### My 120s Chart

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120

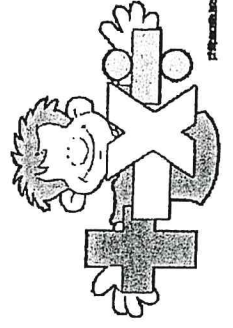
### Multiplication/Division Chart

X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

## Math Games with a Deck of Cards



Games to play at home  
to practice math skills



### Tips for playing math card games:

- You can play with a regular deck of cards. Some games may need numbers higher than one, so you can assign values to the Ace, King, Queen, Jack and Joker for more numbers.
- To make a game harder, try adding zeros to answers to make it fact "extensions". For example,  $4 \times 8$  could become  $40 \times 80$ .
- Uno cards work as well! Look around your house and see what kind of numbered cards you have already. If not, most dollar stores carry inexpensive decks of cards.

Find more games at  
<http://www.esc16.net/users/0020/FACES/2013%20FACES/Handouts/Reid%20and%20Stott%20Problem%20Solving%20Math%20Card%20Games.pdf>

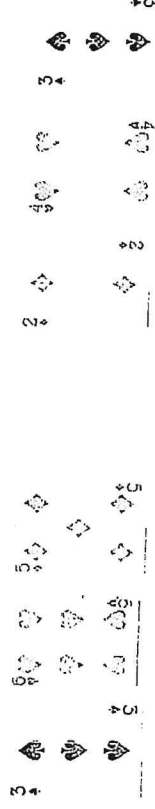
Free playing card clip art at  
<http://hubpages.com/qii05z0u86du/hub/playing-cards-clip-art>

### Place Value War

Players : 2

**Materials:** Deck of cards with face cards and 10s removed, Ace worth one

**How to Play:** Turn over 1, 2 or 3 cards. Place them in any position to make the highest number possible. The higher number wins all of the cards for that turn. Try asking your child to compare the numbers out loud.



↑ "365 is greater than 243"

Player 1 wins all six cards.

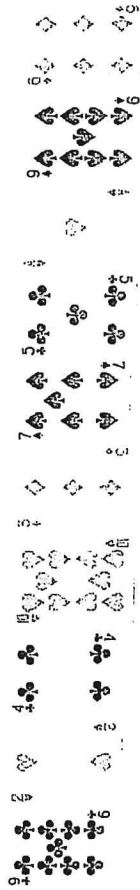
Increase the number of cards to flip if you want to work on larger numbers.

## Give Me 10

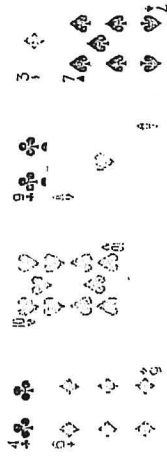
Players 2

Materials: Deck of cards, face cards removed, Ace worth one.

How to Play: Deal 10 cards face up.



Players take turns finding and removing combinations of cards that add up to 10.



Deal out cards so there are always 10 cards face up.

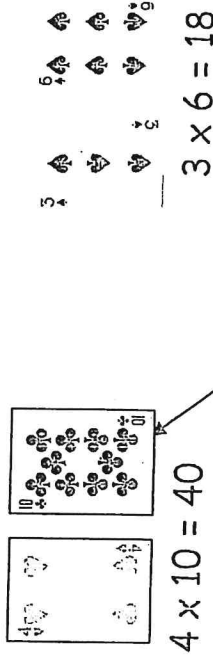
To make it challenging, find three cards that add up to a target number (3 numbers that add up to 20).

## Multiplication Top-It

Players 2

Materials: Deck of cards, face cards worth ten, Ace worth 1 or 11.

How to Play: Each player turns over two cards and multiplies to get a product. The player with the largest product wins all the cards. Continue until all the cards are gone.



Player 1 wins all four cards.

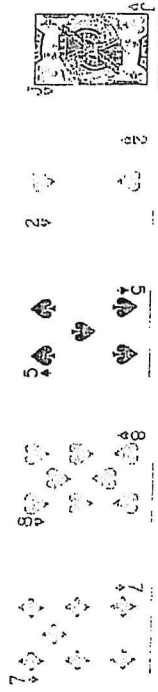
Make the game easier by taking higher digit cards out of the deck. Make the game harder by playing with 2-digit x 1-digit multiplication.

## Hit the Target

Players 2

**Materials:** Deck of cards, face cards worth ten, Ace worth 1 or 11.

**How to Play:** Lay out five cards face up. Then choose one additional card to be the target number. You may add, subtract, multiply or divide to hit the target number. Try to use all five cards, but you must use at least 2 cards. Winner takes the cards in the equation, plus the target number.



Target number is 5

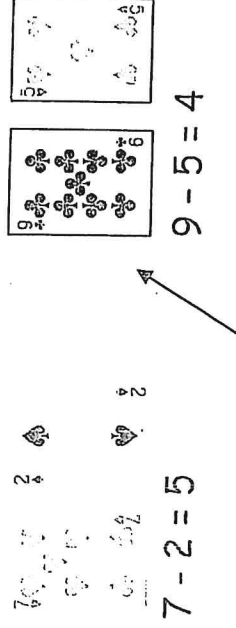
A player could choose:  $5 - 2$  or  $8 - 5$  or  $10 - 5 - 2$  or  $5 \times 2 - 7$  Look for more ways!

## Subtraction Top-It

Players 2

**Materials:** Deck of cards, face cards worth ten, Ace worth 1 or 11.

**How to Play:** Each player turns over two cards and subtracts the smaller digit from the larger digit. The player with the smallest difference wins all the cards. Continue until all the cards are gone.



Player 2 wins all four cards.

Make the game easier by taking higher digit cards out of the deck. Make the game harder by playing with 2-digit - 1-digit subtraction.



## Addition Top-It

Players 2

**Materials:** Deck of cards, face cards worth ten, Ace worth 1 or 11.

**How to Play:** Each player turns over two cards and adds them together. The player with the greatest sum wins all the cards. Continue until all the cards are gone.



$$2 + 10 = 12$$

$$5 + 5 = 10$$

Player 1 wins all four cards.

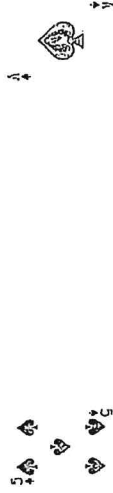
Make the game easier by taking higher digit cards out of the deck. Make the game harder by add 3 cards.

## Make it BIG

Players 2

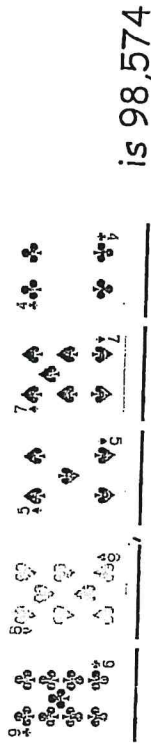
**Materials:** Deck of cards with the 10s removed, Ace worth 1, scratch paper

**How to Play:** Draw a game board like the one shown. Deal 6 cards to each player. Try to create the largest number possible. Players must think carefully about where to place a card. Once placed, a card cannot be moved.



Trash Can

Each player flips over one card at a time and decides where to place it to form the largest number possible. All 6 cards must have a place!



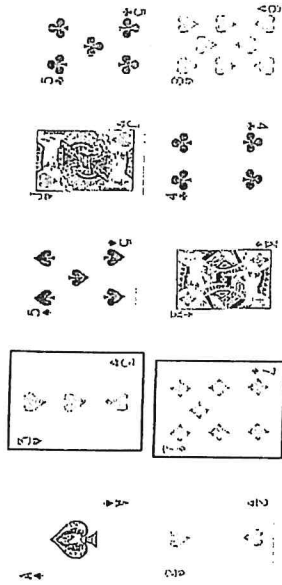
The player with the largest number wins.

## I Spy

Players 2

**Materials:** Deck of cards, face cards worth ten, Ace worth 1 or 11.

**How to Play:** Deal out the entire deck of cards in a 13 x 4 array. (Example shown not all cards)



Find two cards next to each other, vertically or horizontally, that add to make a number. "I spy two cards with a sum of 10". You can also play the game with multiplication, "I spy two cards with a product of 40".

The other player looks for two cards that multiply to make the sum or product and removes them. After many turns, the array can be reformed to continue play.

## Sort it

Players 2

**Materials:** Deck of cards

**How to Play:** Pick a way to sort the cards (color, suit, or numbers). Deal out the deck and players take turns finding cards that fit their sort. Look for creative ways to sort; even numbers, odd numbers, two cards with a sum of 10, etc.

