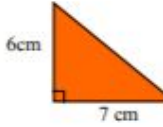
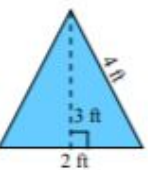
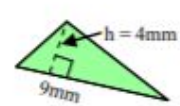
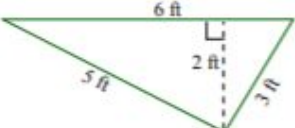

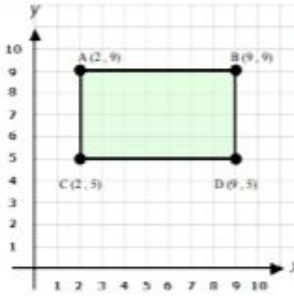
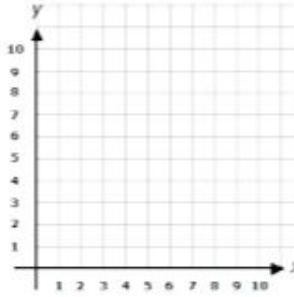
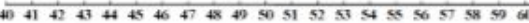
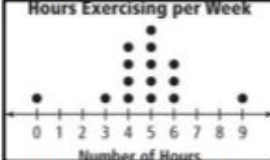


<p>RP—Ratios & Proportions</p>	<p>1. Solve each proportion using equivalent fractions:</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; background-color: #ffffcc;"> $\frac{\square}{44} = \frac{1}{11}$ </div> <div style="border: 1px solid black; padding: 5px; background-color: #ffccff;"> $\frac{24}{\square} = \frac{6}{7}$ </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; background-color: #ccffff;"> $\frac{5}{6} = \frac{100}{\square}$ </div> <div style="border: 1px solid black; padding: 5px; background-color: #ccccff;"> $\frac{4}{9} = \frac{\square}{81}$ </div> </div>	<p>2. Jenny made \$120 for 8 hours of work. How much would Jenny make for 40 hours of work? Use a proportion to show your work in the space provided.</p>
<p>NS—The Number System</p>	<p>3. Solve each division problem (reduce if possible):</p> $\frac{4}{5} \div \frac{1}{2} =$ $\frac{1}{3} \div \frac{5}{6} =$	<p>4. Shondra is making some cakes. She has $\frac{3}{4}$ cup of milk left in the carton. Each cake requires $\frac{1}{8}$ cup of milk. How many $\frac{1}{8}$ cups are in $\frac{3}{4}$ cup? Show your work in the space provided.</p>
<p>EE—Expressions & Equations</p>	<p>5. Rewrite each expression in exponential form. Then solve each expression.</p> $4 \times 4 \times 4 = \underline{\quad} = \underline{\quad}$ $5 \times 5 \times 5 \times 5 = \underline{\quad} = \underline{\quad}$ $3 \times 3 = \underline{\quad} = \underline{\quad}$ $1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 = \underline{\quad} = \underline{\quad}$	<p>6. Jerome had this problem on his math test:</p> 6^3 <p>His answer was <u>18</u>.</p> <p>Did Jerome solve this problem correctly? If not, what should he have done differently?</p>
<p>G—Geometry</p>	<p>7. Find the area of each triangle:</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>6cm 7 cm</p> </div> <div style="text-align: center;">  <p>4 ft 3 ft 2 ft</p> </div> </div> <div style="text-align: center; margin-top: 20px;">  <p>h = 4mm 9mm</p> </div>	<p>8. Mickey wants to create a garden in his back yard. He has a triangular area shown below. How many <u>square feet</u> does Mickey have to plant his garden?</p> <div style="text-align: center;">  <p>6 ft 2 ft 5 ft 3 ft</p> </div>
<p>SP—Statistics & Probability</p>	<p>9. Find the median and range for the set of data:</p> <p>55, 85, 63, 90, 64, 55, 63, 52, 55, 78, 90</p> <p>Median: _____</p> <p>Range: _____</p>	<p>10. Josie thinks that because she has <i>two</i> pets, that the average number of pets each of her classmates has is also <i>two</i>. Is this a good statistical description of the number of pets each student has? What should she do instead?</p>

RP—Ratios & Proportions	<p>1. Find the ratio of:</p>  <p>stars to squares _____ triangles to circles _____</p> <p>circles to total _____ squares to triangles _____</p> <p>total to stars _____ circles to NOT circles _____</p>	<p>2. Sampson made a table to show how much yarn he would need to make some bracelets.</p> <table border="1" data-bbox="841 352 1328 445"> <thead> <tr> <th>Number of bracelets</th> <th>3</th> <th>5</th> <th>10</th> <th>12</th> <th>15</th> </tr> </thead> <tbody> <tr> <th>Yarn needed (in inches)</th> <td>18</td> <td>30</td> <td>?</td> <td>72</td> <td>90</td> </tr> </tbody> </table> <p>How much yarn does Sampson need to make one bracelet? _____</p> <p>What number is missing from the table? _____</p>	Number of bracelets	3	5	10	12	15	Yarn needed (in inches)	18	30	?	72	90
Number of bracelets	3	5	10	12	15									
Yarn needed (in inches)	18	30	?	72	90									
NS—The Number System	<p>3. Divide using the standard algorithm.</p> $6 \overline{)522}$ $12 \overline{)1,140}$	<p>4. Jameson bought movie tickets for himself and his friends and paid \$105. If he bought 7 tickets, how much did each ticket cost? Use the space below to show your work.</p>												
EE—Expressions & Equations	<p>5. Identify each variable.</p> <table border="1" data-bbox="282 949 808 1209"> <tbody> <tr> <td>$5 + r = 17$</td> <td>$m \times 9 = 72$</td> </tr> <tr> <td>$r = \underline{\hspace{2cm}}$</td> <td>$m = \underline{\hspace{2cm}}$</td> </tr> <tr> <td>$y + x = 20; x = 6$</td> <td>$b - 15 = a; a = 17$</td> </tr> <tr> <td>$y = \underline{\hspace{2cm}}$</td> <td>$b = \underline{\hspace{2cm}}$</td> </tr> </tbody> </table>	$5 + r = 17$	$m \times 9 = 72$	$r = \underline{\hspace{2cm}}$	$m = \underline{\hspace{2cm}}$	$y + x = 20; x = 6$	$b - 15 = a; a = 17$	$y = \underline{\hspace{2cm}}$	$b = \underline{\hspace{2cm}}$	<p>6. There are 5 more peach trees than apple trees on grandpa's farm. If there are 7 peach trees, how many apple trees are there?</p> <p>Write an algebraic equation and solve. Use a to stand for the number of apple trees.</p> <p>Equation: _____</p> <p>$a = \underline{\hspace{2cm}}$</p>				
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$y = \underline{\hspace{2cm}}$	$b = \underline{\hspace{2cm}}$													
G—Geometry	<p>7. How many units long is this rectangle?</p> <p>_____</p> <p>How many units wide is this rectangle?</p> <p>_____</p> 	<p>8. Plot each of the points on the coordinate grid. After each point, draw a line to connect it to the previous point.</p> <p>(3, 3), (5, 1), (9, 5), (7, 7), (3, 3)</p> 												
SP—Statistics & Probability	<p>9. Label the dot plot with the following data:</p> <p>51, 55, 48, 48, 55, 60, 53, 45, 48, 50, 51, 51, 53, 43</p> 	<p>10. Lindsay made a dot plot of the amount of hours she exercised each week.</p>  <p>How many weeks did she exercise for 6 hours?</p> <p>_____</p>												