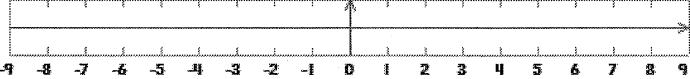





1	<p>Find the quotient.</p> $\frac{3}{5} \div \frac{3}{10} = \boxed{\phantom{00}}$												
2	<p>A Smooth Flight jet carried 6,060 passengers last week, and all of its flights were full. How many flights did the jet make last week?</p> <table border="1" data-bbox="342 533 678 783"> <thead> <tr> <th colspan="2">Airplane Passenger Seats</th> </tr> <tr> <th>Type of Plane</th> <th>Seats</th> </tr> </thead> <tbody> <tr> <td>Jet Set</td> <td>291</td> </tr> <tr> <td>Smooth Flight</td> <td>404</td> </tr> <tr> <td>Blue Skies</td> <td>125</td> </tr> <tr> <td>Cloud Mover</td> <td>60</td> </tr> </tbody> </table> <p>The jet made <input type="text"/> flights last week.</p>	Airplane Passenger Seats		Type of Plane	Seats	Jet Set	291	Smooth Flight	404	Blue Skies	125	Cloud Mover	60
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3	<p>Find <math>3.52 - 2.8</math>.</p> <p>The solution is <input type="text"/>.</p>												
4	<p>Find the prime factorization of 12.</p> <pre>       12      / \     6   <input type="text"/>    / \   3  <input type="text"/>  / \ 3  <input type="text"/> </pre> <p><math>12 = \boxed{\phantom{00}} \times \boxed{\phantom{00}} \times \boxed{\phantom{00}}</math></p>												
5	<p>Enter the integer that represents the situation, and tell what 0 represents in that situation.</p> <p>The temperature was 3 degrees below zero.</p> <p>The integer is <input type="text"/>.</p> <p>The 0 represents a temperature of <i>a) zero degrees</i>  <i>(Choose one)</i> <i>b) 5 degrees below zero</i>  <i>c) 5 degrees</i></p>												

<p>6</p>	<p>Graph the integer and its opposite on the number line.</p> <p>-2</p> <p>The opposite of -2 is <input type="text"/>.</p>  <p> <input type="radio"/> -2                    <input type="radio"/> opposite of -2                    </p>
<p>7</p>	<p>Select the quadrant where the point is located.</p> <p>(-19, 16)</p> <p>The point is located in Quadrant <u>2</u>.</p>
<p>8</p>	<p>The two points are reflections of each other across the <math>x</math>- or <math>y</math>-axis.</p> <p>Select the axis of reflection.</p> <p>(-4, -8) and (-4, 8)</p> <p>The axis of reflection is <u><math>y</math></u>.</p>
<p>9</p>	<p>Select the reflection of the point across the given axis.</p> <p>(-15, 19) and <math>x</math>-axis</p> <p>The coordinate of the reflection point is <u>(-15, -19)</u>.</p>
<p>10</p>	<p>Select <math>&lt;</math>, <math>&gt;</math>, or <math>=</math>.</p> <p>0.7 <input type="text"/> <math>\frac{2}{6}</math></p>

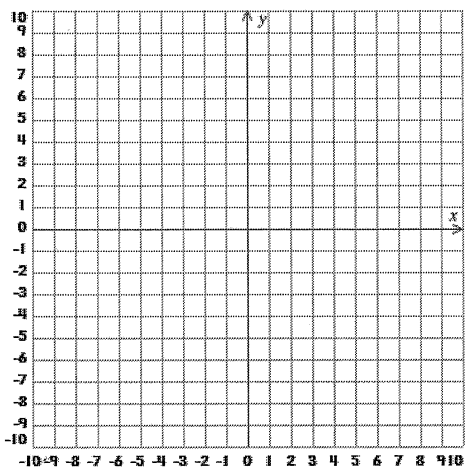
11	<p>Members of the Ozark Trail Hiking Club hiked a steep section of the trail in June and July. The table shows the distances club members hiked in miles.</p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="3">Ozark Trail Hiking Club</th> </tr> <tr> <th>Hiker</th> <th>June</th> <th>July</th> </tr> </thead> <tbody> <tr> <td>Maria</td> <td>2.95</td> <td><math>2\frac{1}{8}</math></td> </tr> <tr> <td>Devin</td> <td>3.25</td> <td><math>3\frac{3}{8}</math></td> </tr> <tr> <td>Kelsey</td> <td>3.15</td> <td><math>2\frac{5}{8}</math></td> </tr> <tr> <td>Zoey</td> <td>2.85</td> <td><math>3\frac{7}{8}</math></td> </tr> </tbody> </table>	Ozark Trail Hiking Club			Hiker	June	July	Maria	2.95	$2\frac{1}{8}$	Devin	3.25	$3\frac{3}{8}$	Kelsey	3.15	$2\frac{5}{8}$	Zoey	2.85	$3\frac{7}{8}$
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	<p>Enter Maria's July distance as a decimal.</p> <p>Maria hiked <input style="width: 40px;" type="text"/> miles in July.</p>																			
12	<p>Choose the best term from the box to complete the sentence.</p> <p>The fractions <math>\frac{1}{5}</math> and <math>\frac{3}{15}</math> are!</p>	<p>a) equivalent fractions                  b) mixed numbers                  c) common denominators</p>																		
13	<p>Compare the numbers. Enter &lt; or &gt;.</p> <p>-9 <input style="width: 30px;" type="text"/> -1</p>																			
14	<p>Enter the numbers in order from least to greatest.</p> <p>10, 0, -7</p> <p><input style="width: 40px;" type="text"/> &lt; <input style="width: 40px;" type="text"/> &lt; <input style="width: 40px;" type="text"/></p>																			
15	<p>Judy is scuba diving at -9 meters, Nelda is scuba diving at -11 meters, and Rod is scuba diving at -2 meters.</p> <p>List the divers in order from the deepest diver to the diver who is closest to the surface.</p> <p>The divers in order from deepest to closest to the surface are <input style="width: 60px;" type="text"/>, <input style="width: 60px;" type="text"/>, and <input style="width: 60px;" type="text"/>.</p>																			




<p>16</p>	<p>Choose a rational number that can replace <math>\blacksquare</math> to make both statements true.</p> <p><math>\blacksquare &gt; -4</math>     <math> \blacksquare  &lt;  -4 </math></p> <p> <input type="radio"/> A -4.8                      <input type="radio"/> B 5.4  <input type="radio"/> C -1.9                         <input type="radio"/> D 4         </p>
<p>17</p>	<p>Jeandre said <math> 4 </math> equals <math>-4</math>.</p> <p>Is Jeandre correct? Complete the explanation.</p> <p>Jeandre is _____</p> <p>On the number line, <math> 4 </math> is _____ units from 0 and <math>-4</math> is _____ units. They _____ have the same number units from 0.</p>
<p>18</p>	<p>Compare <math>&lt;</math>, <math>&gt;</math>, or <math>=</math>.</p> <p><math>17</math> <input type="text"/> <math> -10 </math></p>
<p>19</p>	<p>Enter the values in order from least to greatest.</p> <p><math>-4</math>, <math> 5 </math>, <math>-6</math>, <math> 1 </math></p> <p>The values in order from least to greatest are <input type="text"/>, <input type="text"/>, <input type="text"/>, and <input type="text"/>.</p>
<p>20</p>	<p>In November, the price of a cell phone was double the price in March. In December, the price was \$59, which was \$27 less than the price in November.</p> <p>What was the price of the cell phone in March?</p> <p>The price of the cell phone in March was \$ <input type="text"/>.</p>

21

Graph the pair of points. Then find the distance between them.

$(-3, -4)$  and  $(-3, -9)$



$(-3, -4)$      $(-3, -9)$      

The distance between the two points is  unit(s).

22

Enter the percent as a fraction.

$60\% = \frac{\quad}{\quad}$

23

Enter the percent as a decimal.

$5\% = \square$

24

Enter the fraction as a percent.

$\frac{4}{10} = \square\%$

25

Enter the decimal as a percent.

$0.772 = \square\%$

26

Find the percent of the quantity.

$80\%$  of  $40 = \square$