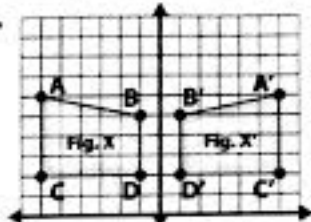
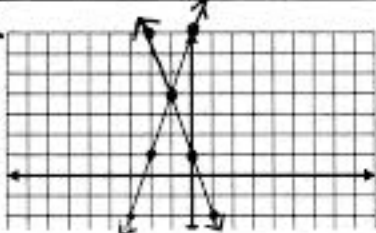
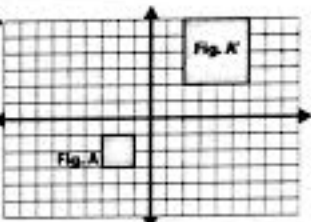


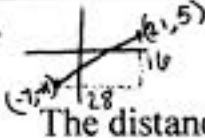
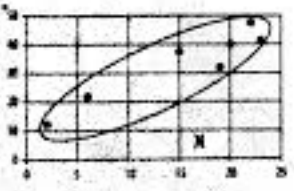


Lesson #119

<p>1.</p> <p>8.F.2 $y = 0.25x + 2$</p> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; display: inline-block;"> <p>For every glass of lemonade that is sold, Janice earns \$0.50.</p> </div>	<p>2.</p> <p>8.G.3</p>  <p>reflection across the y-axis</p>												
<p>3.</p> <p>8.EE.8</p>  <p>$(-1, 4)$</p>	<p>4.</p> <p>8.G.4</p>  <p>similar; rotated 180°, dilated by a scale factor of 2</p>												
<p>5.</p> <p>8.G.9</p>  $\frac{1}{3}\pi r^2 h + \frac{1}{2}\left(\frac{4}{3}\pi r^3\right)$ $12\pi + 18\pi$ $V = 30\pi \text{ in.}^3$	<p>6.</p> <p>8.EE.4</p> 5.136×10^7												
<p>7.</p> <p>8.G.7</p>  $a^2 + b^2 = c^2$ $15^2 + 14^2 = c^2$ $225 + 196 = c^2$ $421 = c^2$ $\sqrt{421} = c$ $c = 20.5 \text{ mm}$	<p>8.</p> <p>8.EE.7</p> $c = -2$												
<p>9.</p> <p>8.F.3</p> <table border="1" data-bbox="300 1396 609 1585"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr><td>2</td><td>17</td></tr> <tr><td>3</td><td>24</td></tr> <tr><td>4</td><td>30</td></tr> <tr><td>5</td><td>37</td></tr> <tr><td>6</td><td>45</td></tr> </tbody> </table> <p>no</p>	x	y	2	17	3	24	4	30	5	37	6	45	<p>10.</p> <p>8.G.8</p>  $a^2 + b^2 = c^2$ $16^2 + 28^2 = c^2$ $256 + 784 = c^2$ $\sqrt{1040} = c$ <p>The distance is 32.25 units.</p>
x	y												
2	17												
3	24												
4	30												
5	37												
6	45												
<p>11.</p> <p>8.SP.1</p> 	<p>12.</p> <p>8.EE.6</p> <p>A) undefined B) positive C) negative D) zero</p>												