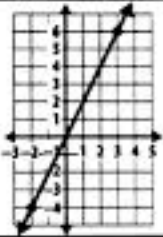
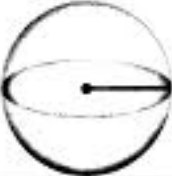
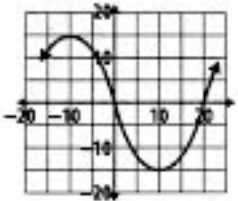
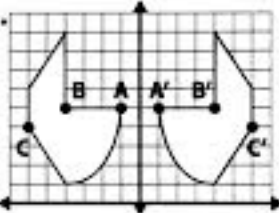
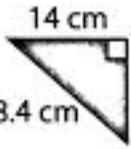
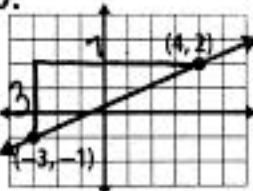


Lesson #114

<p>1. $2x = 7x - 35$</p> <p>8.EE.8</p> <p>(7, 14)</p>	<p>2.</p> <p>8.F.2</p> <p>$y = \frac{7}{2}x$</p> 
<p>3.</p> <p>8.EE.4</p> <p>2.6×10^7</p>	<p>4. $r = 22.5$ in.</p> <p>8.G.9</p>  <p>$V = 15,187.5\pi$ in.³</p>
<p>5.</p> <p>8.F.5</p>  <p>$x = -10$</p>	<p>6.</p> <p>8.G.3</p>  <p>A' (1,5) B' (4,5) C' (6,4)</p> <p>They have the same x and y values, but x values are positive rather than negative.</p>
<p>7.</p> <p>8.SP.1</p> <p>Clustered: <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Data: <input checked="" type="radio"/> Linear <input type="radio"/> Nonlinear</p> <p>Association: <input checked="" type="radio"/> Positive <input type="radio"/> Negative <input type="radio"/> No</p>	<p>8.</p> <p>8.G.7</p>  <p>$a^2 + b^2 = c^2$ $a^2 + 14^2 = 18.4^2$ $a^2 + 196 = 338.56$ $a = 11.9$ cm -196 -196 $a^2 = 142.56$ $a = 11.9$</p>
<p>9.</p> <p>8.EE.7</p> <p>$g =$ any value infinite solutions</p>	<p>10.</p> <p>8.G.8</p>  <p>$3^2 + 7^2 = c^2$ $9 + 49 = c^2$ $58 = c^2$</p> <p>The distance is 7.62 units.</p>
<p>11.</p> <p>8.F.4</p> <p>A) The rate of output is 1,500 kw/h.</p> <p>B) slope</p>	<p>12.</p> <p>8.EE.2</p> <p>$s = 11$ in.</p>