

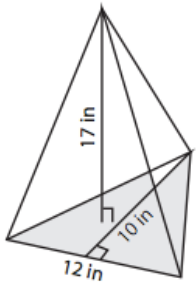
GLO	/2
HW	/8

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Pd: \_\_\_\_\_

## SBA Review Homework

Show your work for EVERY problem!

<p>1)</p> <p><b>Put the numbers in order from greatest to least:</b></p> $4\frac{1}{2}, 2^2, \sqrt{23}, 4.1$	<p>2)</p> <p><b>What is the linear equation that represents this table?</b></p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;"><b>x</b></td> <td style="padding: 5px;">-2</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">6</td> <td style="padding: 5px;">10</td> </tr> <tr> <td style="padding: 5px;"><b>y</b></td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">4</td> <td style="padding: 5px;">6</td> <td style="padding: 5px;">8</td> </tr> </table>	<b>x</b>	-2	2	6	10	<b>y</b>	2	4	6	8	<p>3)</p> <p><b>What is the value of x in the equation:</b></p> $5x - 4 = 3x + 6$
<b>x</b>	-2	2	6	10								
<b>y</b>	2	4	6	8								
<p>4)</p> <p><b>A park is 50 meters long and 70 meters wide. Skyler decides to walk diagonally from one corner of the park to the other. How far has she walked?</b></p>	<p>5)</p> <p><b>Jupiter is <math>4.83 \times 10^8</math> miles from the sun. Neptune <math>2.79 \times 10^9</math> miles from the sun. What is the distance between Jupiter and Neptune?</b></p>	<p>6)</p> <p><b>What is the volume of the pyramid?</b></p> <div style="text-align: center;">  </div>										
<p>7)</p> $2y^2x^7 \cdot (-4)y^{-1}x$	<p>8)</p> $(4.83 \cdot 10^8) \div (2.1 \cdot 10^4)$											