

Name:

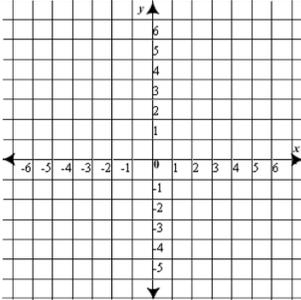
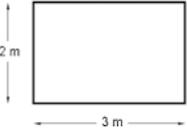
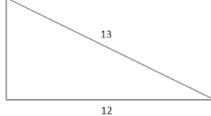
6th Grade Math Homework

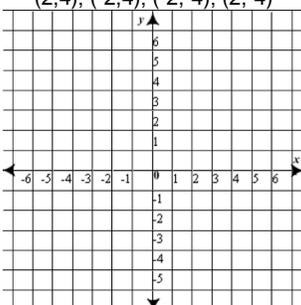
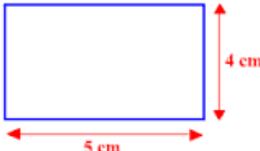
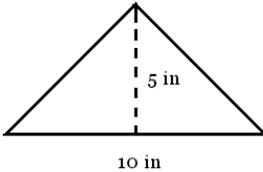
Feb. 29 – March 4

Please use your math notebook and/or our math website for help/videos to help with concepts on this homework.

6th Grade Math website: sms6math.weebly.com

SHOW ALL WORK IN THE WORK COLUMN!

Monday	Monday's Work	Tuesday	Tuesday's Work
<p>Solve.</p> $7,493.4 - 45.29$		<p>Plot the following points. Name the figure that you created. (3,2); (-3,2); (-3,-2); (3,-2)</p> 	
<p>Fill in the blank.</p> <p>10 mm = _____ cm</p>		<p>Find the area of a square with a side length that measure 6 feet.</p>	
<p>What is the value of $6x^2 + 17$ when $x = 8$?</p>		<p>Find the area of a rectangle with a length of 2.3 m and a width of 6 m.</p>	
<p>Find the quotient.</p> $\frac{4}{10} \div \frac{5}{8} =$		<p>Find the area of the figure.</p> 	
<p>What is 25% of 145?</p>		<p>The area of a rectangle is 105 square feet. If the length is 15 feet, what is the width?</p>	
<p>Evaluate the expression.</p> $\left(\frac{1}{3} + 9\right) \times (8 - 3)$		<p>Find the area of the figure.</p> 	
<p>A dog rolls over 25 times in 2 minutes. How many times can the dog roll over in 6 minutes?</p>		<p>Identify the figure below.</p> 	
<p>Solve for r</p> $56 = 7r$		<p>The area of a triangle is 16 square feet. The base is 8 feet. What is the height of the triangle?</p>	

Wednesday	Wednesday's Work	Thursday	Thursday's Work										
<p>Find the quotient.</p> $12 \div \frac{5}{6} =$		<p>Plot the following points and find the area of the figure. $(2,4); (-2,4); (-2,-4); (2,-4)$</p> 											
<p>There are 54 people at the party. 18 of them are wearing red. What percent of people are not wearing red?</p>		<p>Find the area of a square with a side length of 1.2 feet.</p>											
<p>List 3 values that would make this inequality true.</p> $9 - n \geq 4$ <p>_____, _____, _____</p>		<p>Find the area of a rectangle with a length of 3 m and a width of 10.2 m.</p>											
<p>Draw a number line, and place the following numbers on it in the correct order.</p> $\frac{1}{2}, 1.5, -0.5, -1.5$		<p>Find the area of the figure.</p> 											
<p>Compare the numbers with $>$, $<$, $=$.</p> $-\frac{3}{4}$ _____ -0.75 4.5 _____ -5.4		<p>The area of a rectangle is 78 square meters. If the width is 13 meters, what is the length?</p>											
<p>Find the rule. Write the rule as an equation.</p> <table border="1" data-bbox="126 1367 456 1528"> <thead> <tr> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>6</td> </tr> <tr> <td>2</td> <td>12</td> </tr> <tr> <td>3</td> <td>18</td> </tr> <tr> <td>4</td> <td>24</td> </tr> </tbody> </table>	X	Y	1	6	2	12	3	18	4	24		<p>Find the area of the figure.</p> 	
X	Y												
1	6												
2	12												
3	18												
4	24												
<p>Draw a number line to represent the inequality.</p> $x > 1.5$ 		<p>Identify the figure below.</p> 											
<p>Jack is 5 feet tall and Amanda is 4 feet tall. Write an inequality to compare their heights.</p>		<p>The area of a triangle is 21 square feet. The height of the triangle is 7 feet. What is the base of the triangle?</p>											

****Do not forget to complete your extended response on the following page.****

The following extended response is part of your weekly homework. Please answer the questions completely on the grid provided.

Things to remember:

- Did I label each part of the question?
- Did I restate the question?
- Did I include units if needed?
- Did I show all of my work?
- If the question asked me to explain, did I FULLY explain my answer?
- Did I use the RASE method to complete this Extended Response?
 - Restate the question. (Use a complete sentence.)
 - Answer all parts of the question.
 - Show All Work.
 - Explain. (if asked to do so)

This week's extended response question. (You can use your math notebook if needed.)

The following chart details monthly membership costs at Bob's Gym.

Number of Months	Cost (\$)
3	60
5	100
9	180

- A. Write an equation to represent the cost, c of n number of months of gym use.
- B. Suzy wants to purchase a 7 month membership. How much will the membership cost? Justify your answer.
- C. If she has \$250, what is the maximum number of months for which she can purchase a membership? Justify your answer.

Mathematics

Do not write outside this box.

