

Name:

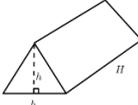
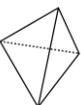
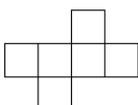
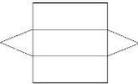
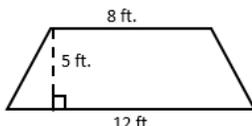
6th Grade Math Homework

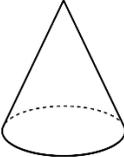
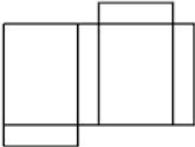
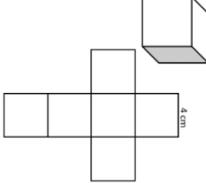
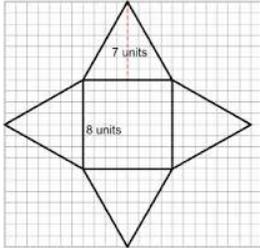
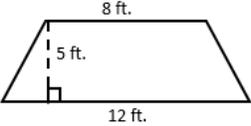
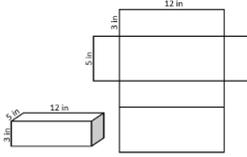
March 14 - 18

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>Find the quotient.</p> $7,080 \div 15$		<p>Name the shape listed below.</p> 											
<p>Evaluate the expression.</p> $28 \div 7 + \left(\frac{4}{6} + 3\right)$		<p>Name the shape listed below.</p> 											
<p>In 4 hours, the bake sale earned \$83.48. What is the unit rate?</p>		<p>What 3D shape will the net below make?</p> 											
<p>A book store is having a 30% off sale. Diary of a Wimpy Kid books are now \$6.30 each. What was the original price of the books?</p>		<p>What 3D shape will the net below make?</p> 											
<p>Are the two expressions equivalent?</p> $7^2 + 4x$ $4x + (7 \times 7)$		<p>How many fewer faces does a triangular prism have from a cube?</p>											
<p>Draw a number line to represent the inequality.</p> $y < 13$		<p>Fill in the spaces for a rectangular prism.</p>	<p># of Faces: ____</p> <p># of Vertices: ____</p> <p># of Edges: ____</p>										
<p>Find the rule.</p> <table border="1" data-bbox="126 1560 456 1717"> <thead> <tr> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>5</td> </tr> <tr> <td>4</td> <td>7</td> </tr> <tr> <td>n</td> <td>11</td> </tr> <tr> <td>8</td> <td>15</td> </tr> </tbody> </table>	X	Y	3	5	4	7	n	11	8	15		<p>Fill in the spaces for a triangular pyramid.</p>	<p># of Faces: ____</p> <p># of Vertices: ____</p> <p># of Edges: ____</p>
X	Y												
3	5												
4	7												
n	11												
8	15												
<p>Candice is going to replace the top of a table with a new piece of wood. How many square feet of wood should she purchase?</p> 		<p>What three-dimensional figure has EXACTLY one vertex?</p>											

Wednesday	Wednesday's Work	Thursday	Thursday's Work
<p>Find the quotient.</p> $5 \div \frac{7}{8} =$		<p>Name the figure below.</p> 	
<p>Find the difference.</p> $40.574 - 8.09$		<p>Fill in the blanks for a square pyramid.</p>	<p># of Faces: ____</p> <p># of Vertices: ____</p> <p># of Edges: ____</p>
<p>Write the ratio in simplest form.</p> $12:3$		<p>Which shape is formed by the net?</p> 	
<p>Robert is purchasing some chicken from the supermarket. The first pack of chicken weighs 45 ounces. The second pack weighs 3 pounds. Which pack weighs more?</p>		<p>What shape is formed by the net?</p> 	
<p>What is the value of $12(3x + 5x)$, when $x = 7$?</p>		<p>Use the net to find the surface area of the cube.</p> 	
<p>List 3 values that would make this inequality true.</p> $12 \leq 7 + n$ <p>____, _____, _____</p>		<p>Find the surface area of the net.</p> 	
<p>Casandra is training for a 10 mile race. On the first day of training, she runs 4 miles. Each day after that she adds on 0.5 miles. On what day will Casandra run 8 miles?</p>		<p>Find the surface area of a cube that has a side length of 12.3cm.</p>	
<p>Candice is going to replace the top of a table with a new piece of wood. How many square feet of wood should she purchase?</p> 		<p>Use the net to find the surface area of the rectangular prism.</p> 	

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

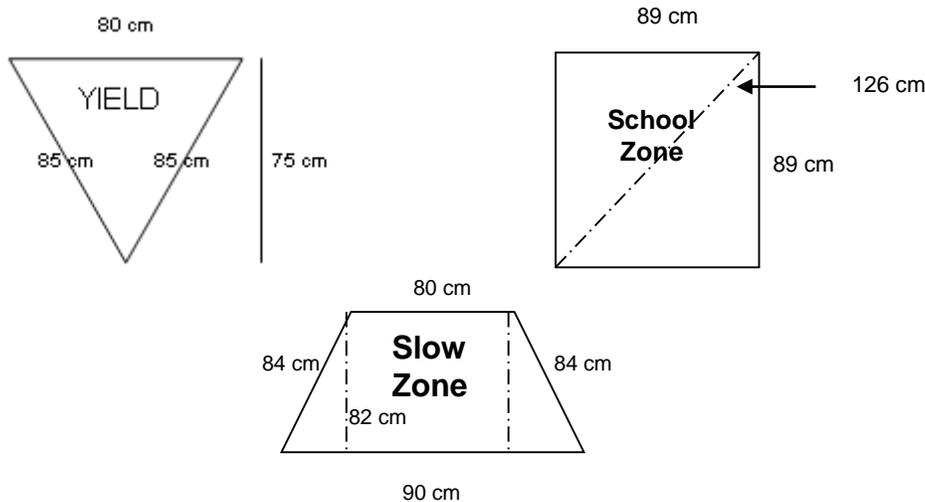
The following extended response is part of your weekly homework. Please answer the questions completely on the grid provided.

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?
 - o Restate the question. (Use a complete sentence.)
 - o Answer all parts of the question.
 - o Show All Work.
 - o Explain. (if asked to do so)

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

ACME sign company makes traffic signs for the roads in Kentucky. A model of the signs and their measurements are given below. ($A_{\text{trapezoid}} = \frac{1}{2} (b_1 + b_2)h$)



A) Find the area of each sign. Justify your answer.

B) One of the costs that ACME must consider is the cost of metal. If metal costs \$1.00 for every 1000 square centimeters, what is the cost of the metal used to make each sign? Justify your answer.

BE SURE TO LABEL YOUR RESPONSES

Mathematics

Do not write outside this box.

