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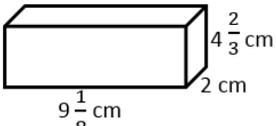
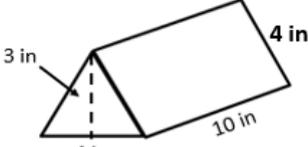
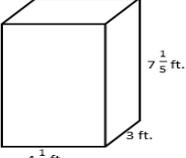
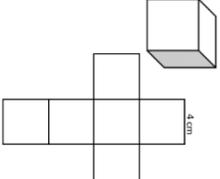
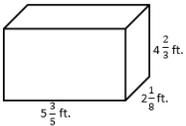
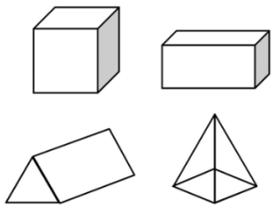
6th Grade Math Homework

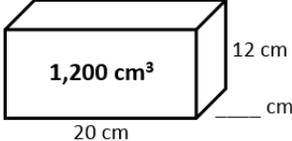
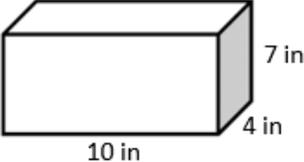
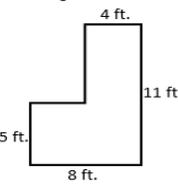
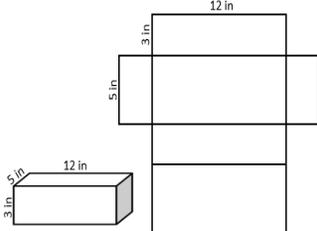
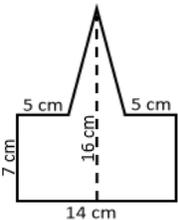
March 21 - 25

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>Andrea needs a box that has a volume of 90 cubic inches. What might the measurements of her box be?</p>		<p>Find the quotient.</p> $\frac{8}{9} \div \frac{3}{7} =$											
<p>Find the volume.</p> 		<p>Find the sum.</p> $54.703 + 298.1$											
<p>Name the shape.</p> 		<p>Jessie ran 4 miles in 1 hour. How long did it take Jessie to run one mile?</p>											
<p>Katie needs to figure out how much space a shoe box takes up. It is $14 \frac{1}{2}$ inches long, 5 inches high, and $6 \frac{1}{2}$ inches wide. What is the shoe box's volume?</p>		<p>How many yards are there in 2.5 miles?</p>											
<p>Find the Volume.</p> 		<p>Joe has some money in his bank account. He deposits \$45. Write an expression that represents the amount of money in Joe's account.</p>											
<p>Use the net to find the surface area of the cube.</p> 		<p>Lenny earns at least \$50 a day at his job. Write an inequality showing how much Lenny could earn on any day at his job?</p>											
<p>Find the Volume.</p> 		<p>Find the rule. Solve for n.</p> <table border="1" data-bbox="836 1533 1169 1690"> <thead> <tr> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>12</td> </tr> <tr> <td>6</td> <td>18</td> </tr> <tr> <td>7</td> <td>n</td> </tr> <tr> <td>12</td> <td>36</td> </tr> </tbody> </table>	X	Y	4	12	6	18	7	n	12	36	
X	Y												
4	12												
6	18												
7	n												
12	36												
<p>Circle the prisms.</p>		<p>Write the ratio in simplest form.</p> $20:10$											

Wednesday	Wednesday's Work	Thursday	Thursday's Work
Find the quotient. $17,976 \div 28$		Melissa is packing up her bedroom before she leaves for college. Her closet is 185 cubic feet. If the boxes she is using are $4\frac{1}{2}$ feet long, 2 feet wide, and 4 feet high. How many boxes can she fit into her closet?	
Find the quotient. $0.3465 \div 0.21$		Find the missing side length. 	
An artist can create 4 pieces of pottery in 2 hours. What is the artist's unit rate?		The ratio of cookies to glasses of milk is 3:1. If there are 25 glasses of milk, how many cookies are there?	
Lindsay is very excited to be getting a great deal on an iPad. It was originally \$500, but she will only be paying \$325. What percent did she save?		Evaluate the expression. $80 + (8 \times 4) \div 2$	
Are the two expressions equivalent when $x = 10$? $5(3x + 8)$ $8x + 8$		Find the volume. 	
Draw a number line to represent the inequality. $y < 64$		A factory worker can make 14 products in 45 minutes. What is the workers unit rate?	
Emily's bedroom ceiling needs to be repainted due to a leak in the ceiling. How many square feet will she be painting? 		Use the net to find the surface area of the rectangular prism. 	
Find the area. 		Kelly ran 2 miles and burned 240 calories. The next day she ran 3 miles and burned 360 calories. The next day 4 miles and 480 miles. If this pattern continues, how many calories will she burn if she runs 8 miles?	

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

Weekly Extended Response Question

March 21 - 25

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.)

Carpeting a Room

The Smith's need to buy carpet for their family room. The family room is a perfect square, with a perimeter of 32 feet. Carpet is sold by the square foot.

- A. How many square feet are there in the Smith's family room? Justify your answer.
- B. If the carpeting costs \$0.97 per square foot, how much will the carpeting cost for the family room? Justify your answer.

BE SURE TO LABEL YOUR RESPONSES

Mathematics

Do not write outside this box.

