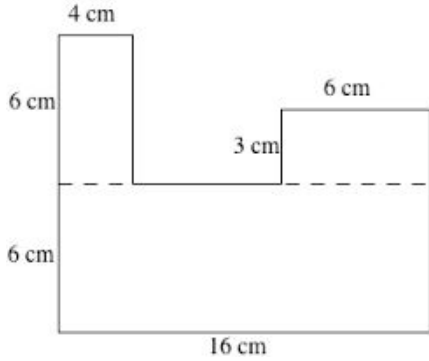
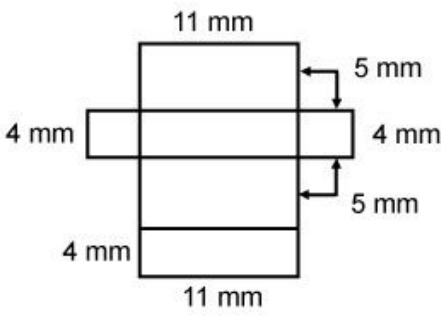


**Weekly HW 9**

Show your work for each of the following problems.

This Homework is due on or before FRIDAY.

<p>M:</p>	<p><b>Circle the fastest time in EACH of the following situations. Explain.</b></p> <p>1)</p> <ul style="list-style-type: none"> <li>• A lion ran 2 miles in 5 minutes.</li> <li>• A lion ran 2 miles in 4 1/2 minutes</li> </ul> <p>2)</p> <ul style="list-style-type: none"> <li>• Michael Phelps swam 6 miles in 1 hour.</li> <li>• A large shark swam 6 miles in 1 hr 15 minutes.</li> </ul>	<p><b>Find the area of the polygon.</b></p> 
<p>T:</p>	<p><b>Find the surface area of this rectangular prism.</b></p> 	<p><b>Do these two paint mixtures make the same shade of orange? Explain.</b></p> <ul style="list-style-type: none"> <li>• Kiran mixes 9 teaspoons of red paint with 15 teaspoons of yellow paint.</li> <li>• Tyler mixes 7 teaspoons of red paint with 10 teaspoons of yellow paint.</li> </ul>
<p>W:</p>	<p>If you blend 2 scoops of chocolate ice cream with 1 cup of milk, you get a milkshake with a stronger chocolate flavor than if you blended 3 scoops of chocolate ice cream with 2 cups of milk. <b>Explain or show why.</b></p>	<p><b>There are 2 mixtures of light purple paint.</b></p> <ul style="list-style-type: none"> <li>• Mixture A is made with 5 cups of purple paint and 2 cups of white paint.</li> <li>• Mixture B is made with 15 cups of purple paint and 8 cups of white paint.</li> </ul> <p><b>Which mixture is a lighter shade of purple? Explain your reasoning.</b></p>
<p>Th:</p>	<p>In a triple batch of a spice mix, there are 6 teaspoons of garlic powder and 15 teaspoons of salt. Answer the following questions about the mix. <b>If you get stuck, create a double number line.</b></p> <p>How much garlic powder is used with 5 teaspoons of salt?</p>	<p><b>A plane travels at a constant speed. It takes 6 hours to travel 3,360 miles. (Answer each question.)</b></p> <p>a. What is the plane's speed in miles per hour?</p> <p>b. At this rate, how many miles can it travel in 10 hours?</p>

Name \_\_\_\_\_ Date \_\_\_\_\_ Segment \_\_\_\_\_

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