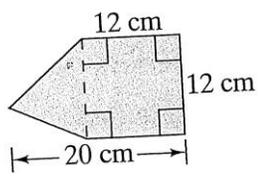
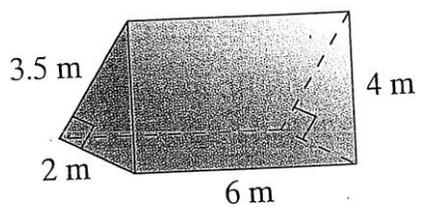


Trimester 2 Weekly WOW #1

Name: _____ Class: _____

Complete 3 squares total. Must be in a row and the center MUST be completed.

<p>Each School day, the lunchroom offers you a main course of tacos, pizza, and chicken. Your 4 different drink options are milk, chocolate milk, water, and orange juice. For dessert, you can select chocolate chip cookies or a brownie.</p> <p>How many different lunch combinations can you have if you choose 1 main course, 1 drink, and 1 dessert?</p>	<p>The width of a rectangle is 4 cm less than its length. The area of the rectangle is 96 cm^2. Find the length and the width of the rectangle.</p>	<p>Suppose the positive even numbers are grouped in the following way: $\{2\}$, $\{4, 6\}$, $\{8, 10, 12\}$, $\{14, 16, 18, 20\}$;</p> <p>What is the sum of the numbers in the tenth group?</p>
<p>Tim has cartons measuring 3 ft x 2 ft x 6 inches. He wants to store them in a space 15 ft x 9 ft x 24 ft. He can stack the cartons on top of each other, but not inside of each other. How many cartons can he store?</p>	<p>If you fold a square paper vertically, the new rectangle has a perimeter of 36 inches. What is the area of the original square?</p> <p>What is the perimeter of the original square?</p> <p>What is the area of the resulting rectangle?</p> <p>Make a ratio of areas and perimeters. What do you notice?</p>	<p>The shape of Mrs. Avink's nephews' present is shaped like in the diagram below. Find the area of his gift.</p> 
<p>Mr. Atkinson is building a trapezoidal brick patio and needs to determine the total area so that he can buy enough bricks. The bases measure 14 ft and 20 ft. The distance between the bases is 12 feet. What is the area of the patio that needs to be covered by brick?</p>	<p>Find the total surface area of the prism below:</p> 	<p>What is the difference in square feet in the area of the international free-throw lane and the area of the NBA free-throw lane?</p> 