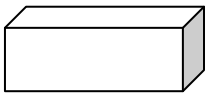
Topic: 4.3 Surface Area of a Right Rectangular Prism	Name: _____ Class: Math 8 Date: _____
Questions/Main Ideas:	Notes:

Learning Intention:

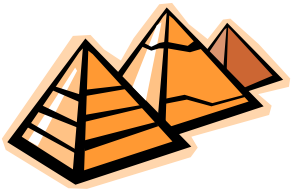
Find the surface area of a right rectangular prism.

Quick Review:



What the heck is a "right rectangular prism" ..... a box!

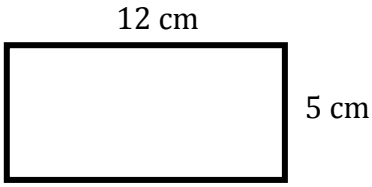
What is the difference between a prism and a pyramid.



A prism has two sides that are congruent and parallel. A pyramid has sides that are triangular in shape and meet a point.

Surface Area of a Rectangle = Length x Width

Example:

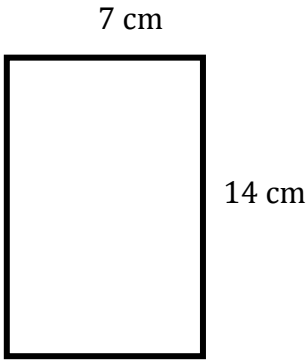


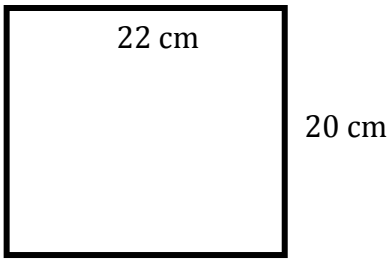
Area = L x W

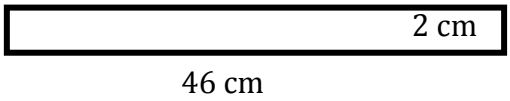
A = 12 x 5

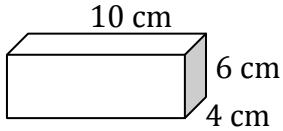
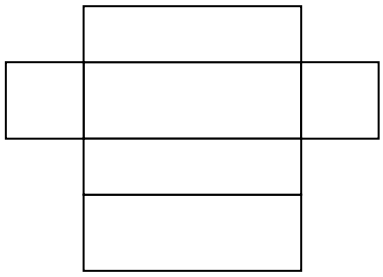
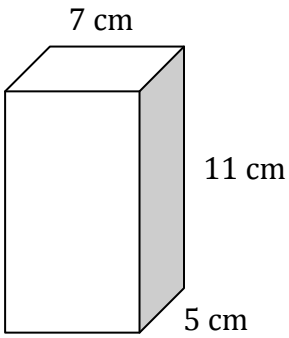
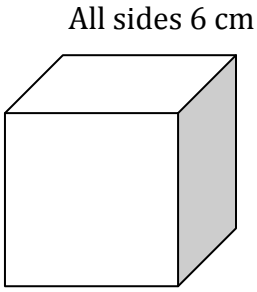
A = 60 cm²

Try these







A Right Rectangular Prism is made up of rectangles. What is the pattern for the sides?	 
How about a shortcut?	 
Problem Solving:	A right rectangular prism has faces with these areas: 12 cm^2, 24 cm^2 and 18 cm^2. What are the dimensions of the prism?
Next Step:	p 186 # 4, 5, 6, 11, 15