Math 6 - Unit 5: Area & Volume

End of Unit Test Review #1

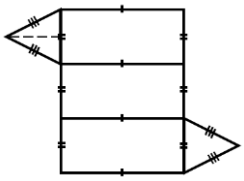
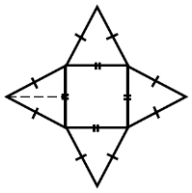
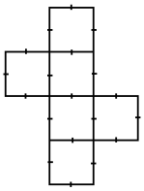
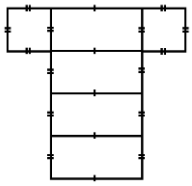
Name: _____

Class Period: 1 2 3 4 Date: _____

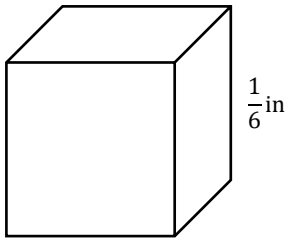
1) How could you determine the surface area of a triangular prism?

2) Is painting your house a real world example of surface area or volume?

3) What shape is formed by folding the following nets?

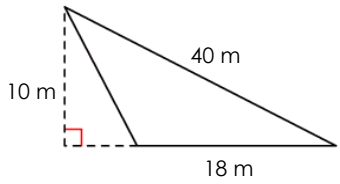





4)



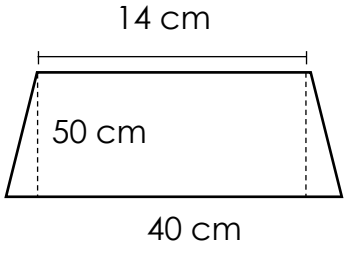
Volume of the Cube: _____

5)



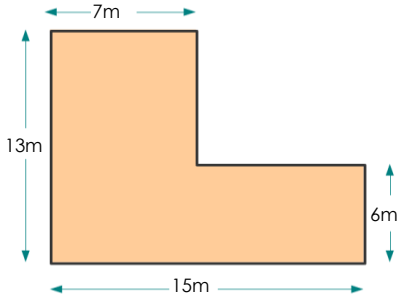
Area: _____

6)



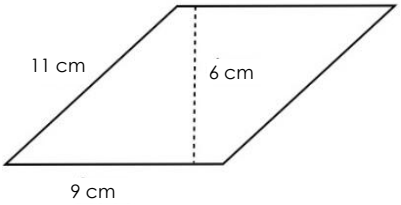
Area: _____

7)



Area: _____

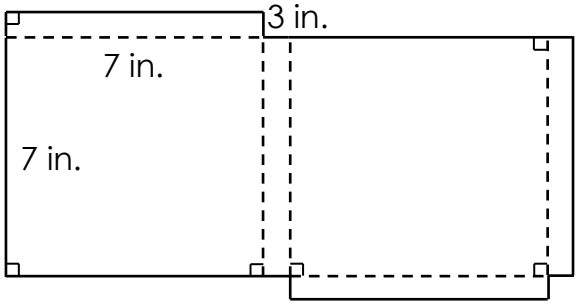
8)



Area: _____

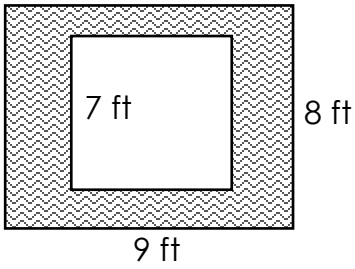
9) A box is covered with wrapping paper with no overlap. The net of the box is shown below.

How many square inches of wrapping paper is needed to cover the surface area of the box?



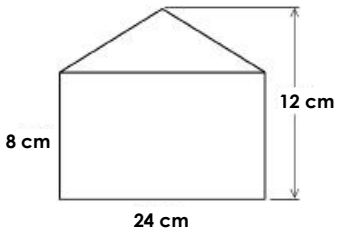
Surface Area: _____

10) What is the area of the shaded frame?

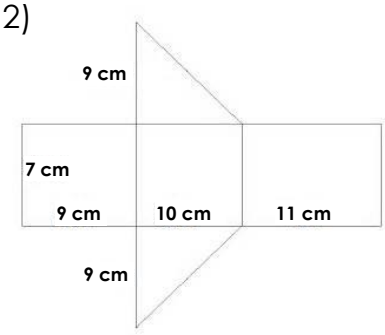
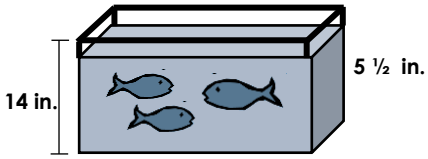
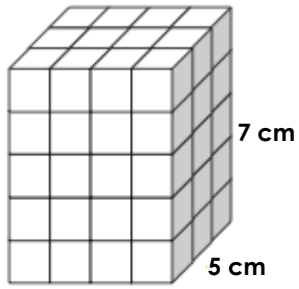


Area: _____

11)



Area: _____

12)  	**Surface Area:** _____
13) A fish tank is shown below. How many cubic inches of water can fit inside the tank?  	**Volume:** _____
14)  	**Total Square cm needed to wrap the outside of the box:** **Surface Area:** _____

15) How much paper is needed to wrap a cube with a side length of 12 cm?

16) Draw a net that could be folded to make a triangular pyramid.

17) A rectangular pool is 12 feet long, 16 ½ feet wide, and 8 feet deep. How many cubic feet of water can it hold?

18) Does the following situation relate to surface area or volume? How much orange juice in a carton.