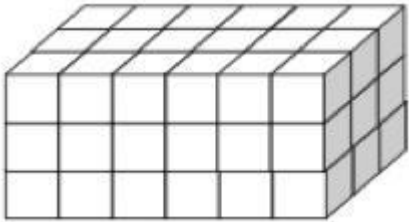
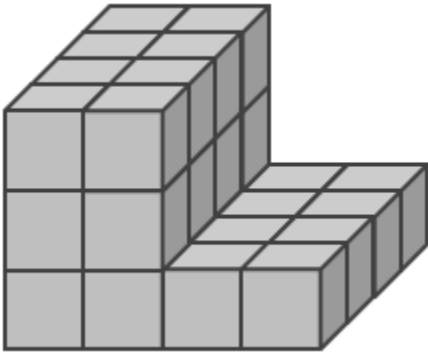
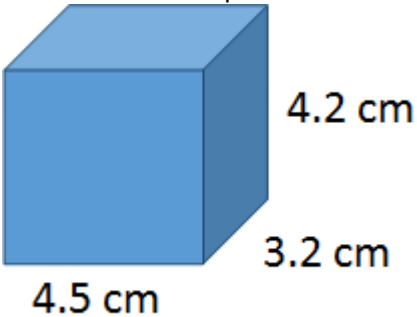
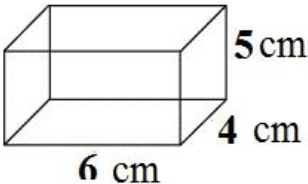
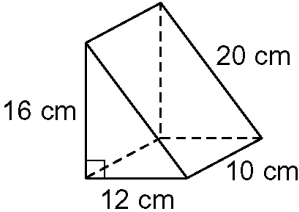


CSS: Know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.

Name: _____ Date: _____ Per.: _____

LT Pre Test

Directions: Show what you know about the following topic by completing the problems below. Make sure to show all work.

1. What is a formula?	2. What is volume?
3. Draw a picture of a cone, cylinder and sphere.	4. Find the volume of the prism below. 
5. a) Find the volume of the prism in number 4 by multiplying the length by width by height. b) Find the volume of the composite figure below. Use the fact that volume of a rectangular prism is found by multiplying length by width by height. 	6. Find the volume of the prism below. 
7. Draw net for the following 3D shapes and use the net to find the surface area of the shapes; a) 	b) 

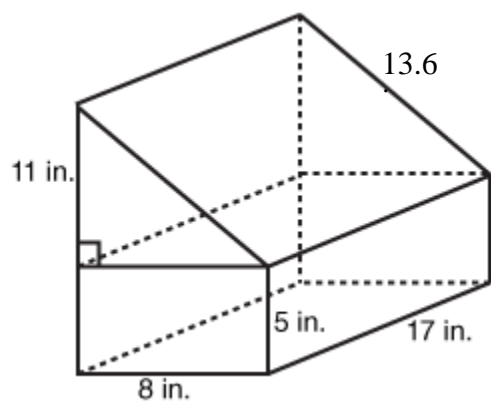
(5.MD.5)

(6.G.2)

(6.G.4)

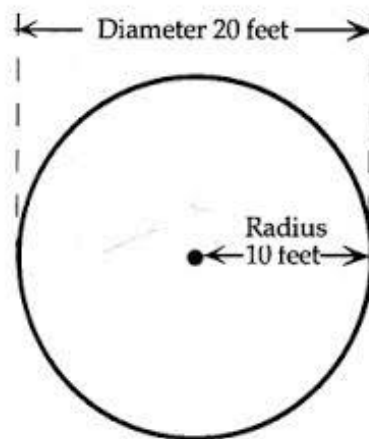
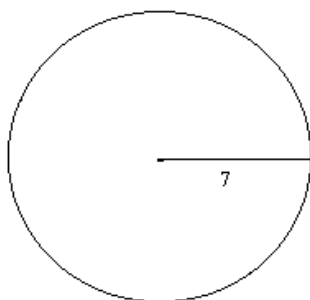
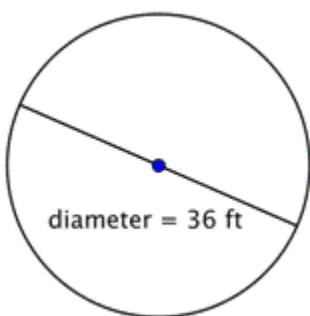
CSS: Know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.

8. Find the volume and surface area of the three-dimensional shape.



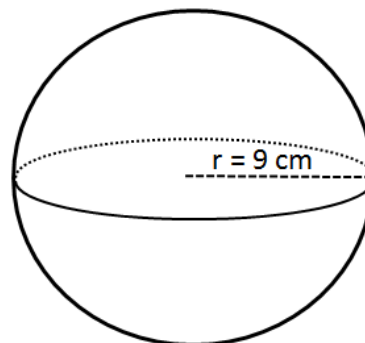
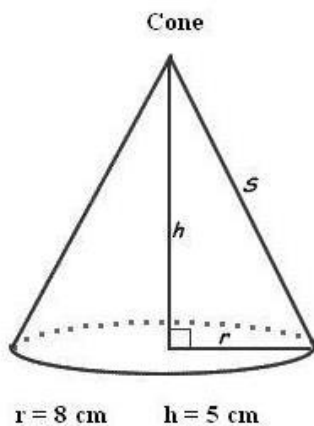
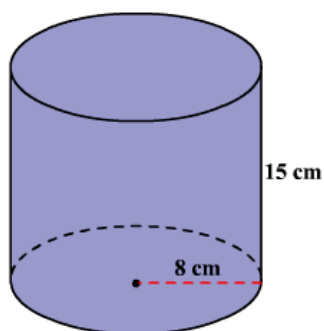
(7.G.6)

9. Find the area and circumference of the circles below.



(7.G.4)

10. Find the volumes of the shapes below.



(8.G.9)

CSS: Know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.