Name_____

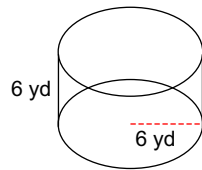# Homework #3 Cylinders and Cones
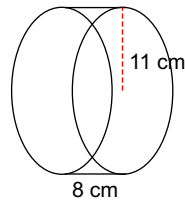
Due Date_____ 5A_____

Calculate the surface area and volume of each figure. Round to the nearest tenth.
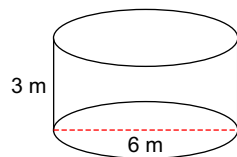
1)
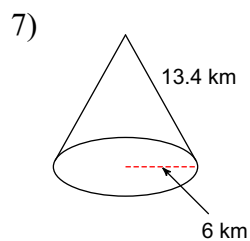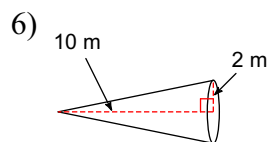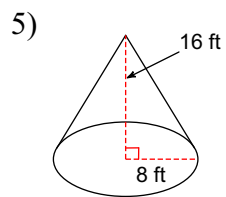

6 yd

6 yd

2)

11 cm

8 cm

3)

3 m

6 m

4) A cylinder with a radius of $3\,ft$ surface area
   of $150.72\,ft^2$. How tall is the cylinder?

-1-

Calculate the surface area and volume of each figure. Round to the nearest tenth.

5)

16 ft

8 ft

6)

10 m

2 m

7)

13.4 km

6 km

8) What radius would a 12in tall cone need to have a volume of 201.96in^2?