Volume of Cylinder Worksheet

Radius = 7 ft; Height = 8 ft	Diameter = 6 yd; Height = 9
8ft 7ft	9yd 6yd
Volume = _____	Volume = _____
Radius = 7.5 m; Height = 4.4 m	Diameter = 12.5 in; Height = 6.8 in
Volume = _____	Volume = _____
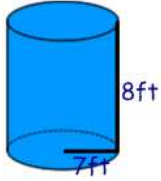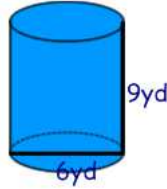
Volume of Cone Worksheet

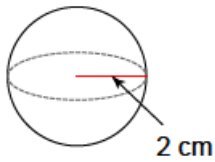|	
Radius = 6 cm; height = 5 cm	Radius = 7 ft; height = 7.2 ft
5cm 6cm	
Volume = _____	Volume = _____
Diameter = 4.2 yards; height = 5 yards	Diameter = 9 inches; height = 6 inches
5yds 4.2yds	
Volume = _____	Volume = _____
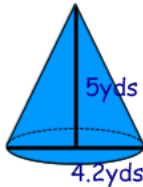
Find the volume of each figure. Round your answers to the nearest tenth, if necessary.
***Remember the 4-step process:
           1. Formula   2. Replace with numbers.   3. Solve   4. Label
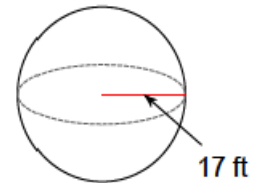
1.)

2 cm

2.)

84 km

3.)

17 ft
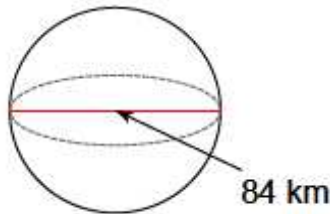
Draw a picture and label it first. Then solve it using the 4-step process.

4.) These candy corns have a diameter of 2 cm and a height of 6 cm. How much candy does it take to make one piece of candy corn?	5.) This set of pool balls has been designed with a special plastic material that prevents chipping. If each pool ball has a radius of 1.5 inches, how much special plastic material do we need to make a set of pool balls?

6.) A Monster Energy can has a radius of 1.2 inches and a height of 7 inches.
    A RedBull can has a radius of 0.8 inches and a height of 5.5 inches. Find the volume of each.

7.) How many times larger is the Monster Energy can than the RedBull can?

(hint: make a ratio $\dfrac{\text{Monster}}{\text{Redbull}}$)