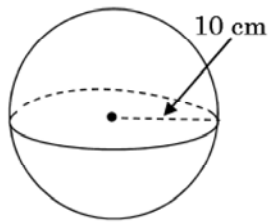Sphere Problems   11.09

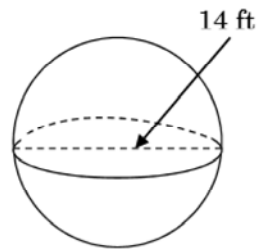Sphere formulas: Volume = _____   Surface Area = _____

#1-4. Find the volume and surface area of the following:
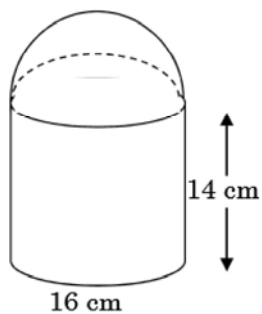
1.

10 cm

2.   14 ft
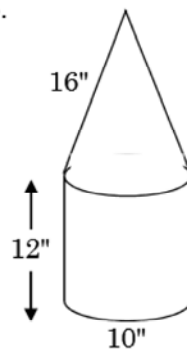
3. A sphere with circumference   4. A sphere with diameter 18".
    of 37.7 cm.

#5-6. Find volume and surface area for the figures shown. Be careful with surface area calculations.

5.

14 cm

16 cm

6.

16"

12"

10"

Scrambled answers: 1340, 452, 1256, 1017, 1306, 4187, 615, 706, 3052, 1436, 3885, 904