

1)

2)

3)

Right Square Pyramid
 $s = 9$ in.
 $h = 12$ in.

4) Radius = 6 cm; height = 5 cm

5) Radius = 7 ft; height = 7.2 ft

6) Diameter = 4.2 in.; height = 5 in.

7) Diameter = 9 in.; height = 6 in.

8)

9) What would be the volume of a sphere with a diameter of 13 cm?

10) Write your answer in terms of π
 Approximately how much air would be needed to fill a basketball with a diameter of 30 cm?

11) Find the diameter of a globe that has a volume of 523 cubic inches.

12)