Name : _____

Volume - Cone
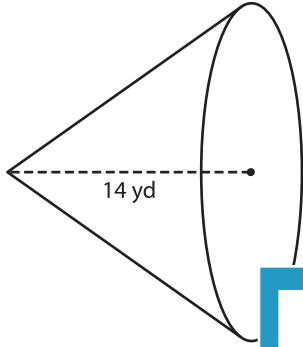
A) Find the indicated measure in each cone. Round your answer to the nearest tenth. (use π = 3.14)

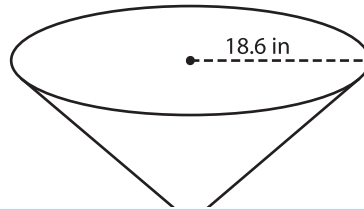1) Volume = 2,514.66 yd³

14 yd

slant height = _____
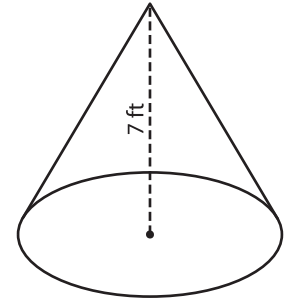
2) Volume = 4,333.2 in³

18.6 in

3) Volume = 267.75 ft³

7 ft

dius = _____

B) Find the indicated _____ _____ swer to the nearest tenth. (use π = 3.1

4) Volume = 1,250 yd³

height = _____

 in³ ; height = 19.3 in

6) Volume = 2,411.52 f

diameter = _____

d³ ; diameter = 17 yd

slant height = _____

8) The volume of a conical planter is 2.36 cubic feet. If the diameter of the planter is 1 foot, find the height of the planter. Round your answer to the nearest tenth. (use π = 3.14)

_____