

Name : _____

Volume - Cone

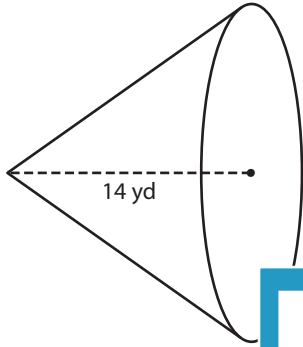
L2S3

A) Find the indicated measure in each cone. Round your answer to the nearest tenth. (use $\pi = 3.14$)

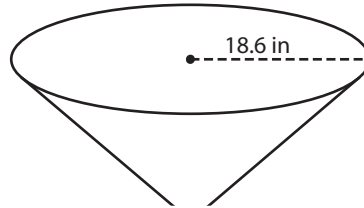
1) Volume = 2,514.66 yd³

2) Volume = 4,333.2 in³

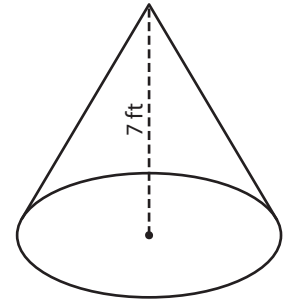
3) Volume = 267.75 ft³



slant height = _____



radius = _____



B) Find the indicated measure in each cone. Round your answer to the nearest tenth. (use $\pi = 3.14$)

Answer to the nearest

4) Volume = 1,250 yd³

_____ in³; height = 19.3 in

height = _____

6) Volume = 2,411.52 ft³

_____ ft³; diameter = 17 yd

diameter = _____

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 $\pi = 3.14$)



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Name : _____

Answer key

Volume - Cone

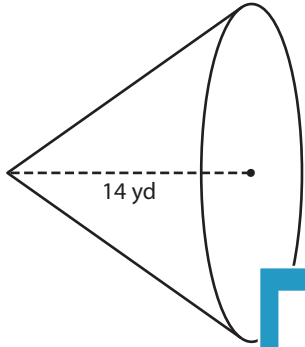
L2S3

A) Find the indicated measure in each cone. Round your answer to the nearest tenth. (use $\pi = 3.14$)

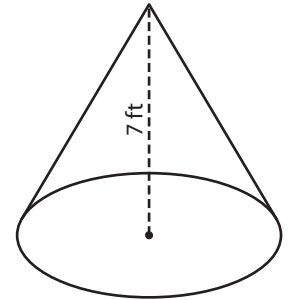
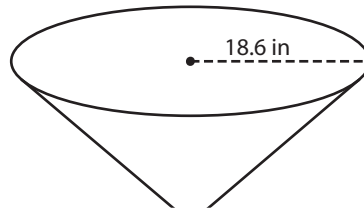
1) Volume = 2,514.66 yd³

2) Volume = 4,333.2 in³

3) Volume = 267.75 ft³



slant height = 19.3



radius = 6 ft

B) Find the indicated measure in each cone. Round your answer to the nearest tenth. (use $\pi = 3.14$)

4) Volume = 1,250 yd³

height = 9.3

6) Volume = 2,411.52 ft³

diameter = 24 ft

slant height = 13.4 yd

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 $\pi = 3.14$)

9 feet



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