

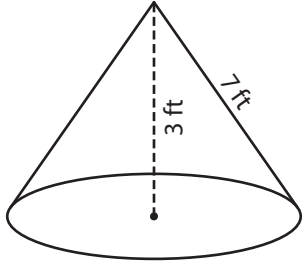
Name : _____

Volume - Cone

Sheet 2

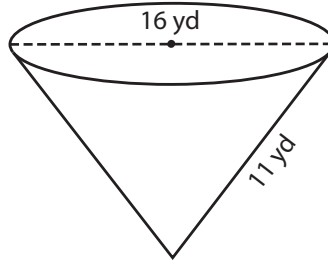
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



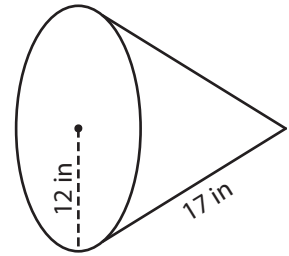
Volume = _____

2)



Volume = _____

3)



B) Find the volume of each cone. Round your answer to two decimal places.

4) height = 6 ft ; slant height = 10 ft

Volume = _____

6) radius = 5 in ; slant height = 13 in

Volume = _____

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5) Round your answer to two decimal places.

radius = 10 ft ; slant height = 27 yd

Volume = _____
radius = 10 ft ; height = 25 ft

8) A conical candle mold has a radius of 2 inches. If the slant height of the mold is 8 inches, find the volume of the mold. Round your answer to two decimal places. (use $\pi = 3.14$)

Name : _____

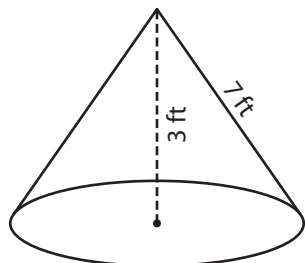
Answer key

Volume - Cone

Sheet 2

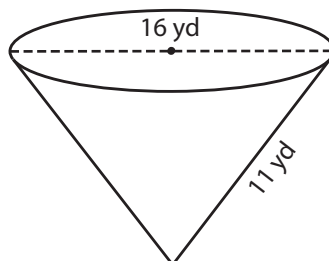
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



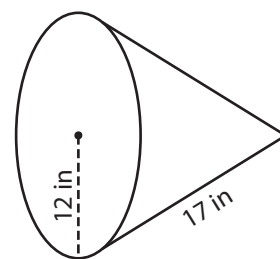
Volume = 125.6

2)



Volume = 1,814.91 in³

3)



B) Find the volume of each cone. Round your answer to two decimal places.

4) height = 6 ft ; slant height = 10 ft

Volume = 282.6

6) radius = 5 in ; slant height = 13 in

Volume = 2.81 yd³

5) radius = 10 ft ; height = 25 ft

Volume = 314 in³

Volume = 5,652 ft³

8) A conical candle mold has a radius of 2 inches. If the slant height of the mold is 8 inches, find the volume of the mold. Round your answer to two decimal places. (use $\pi = 3.14$)

32.43 cubic inches