

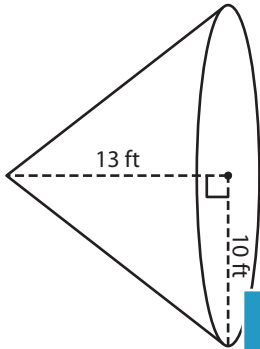
Name : _____

Volume - Cone

Integers: ES2

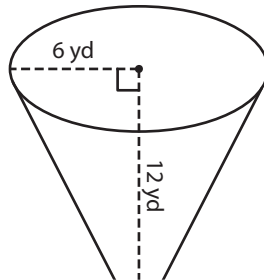
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



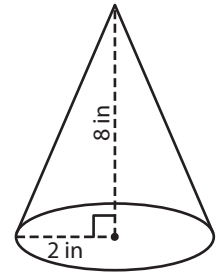
Volume = _____

2)



Volume = _____

3)



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

4) radius = 15 ft ; height = 10 ft

Volume = _____

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5) radius = 9 yd ; height = 12 yd

Volume = _____

6) height = 19 in ; radius = 3 in

Volume = _____

Volume = _____

Volume = _____

8) The hilt of a sword has a cone-shaped pommel. The radius and height of the cone are 2 inches and 3 inches respectively. How much metal is used in the pommel? (use $\pi = 3.14$)



Name : _____

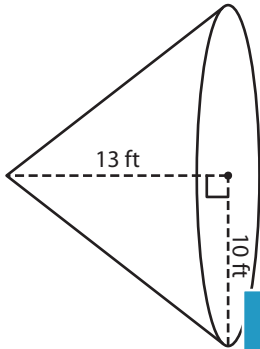
Answer key

Volume - Cone

Integers: ES2

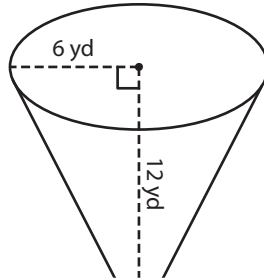
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



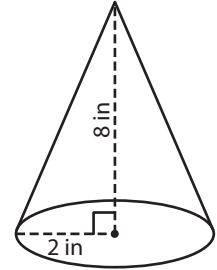
Volume = 1,360.6

2)



Volume = 33.49 in³

3)



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

4) radius = 15 ft ; height = 10 ft

Volume = 4,003.5

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5) radius = 9 yd ; height = 10 yd

Volume = 2,552.58 yd³

6) height = 19 in ; radius = 4 in

Volume = 502.68 in³

Volume = 6,443.28 in³

Volume = 205.15 ft³

8) The hilt of a sword has a cone-shaped pommel. The radius and height of the cone are 2 inches and 3 inches respectively. How much metal is used in the pommel? (use $\pi = 3.14$)

12.56 cubic inches

