

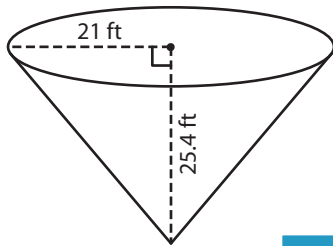
Name : _____

Volume - Cone

Decimals: ES6

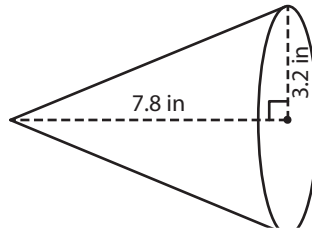
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



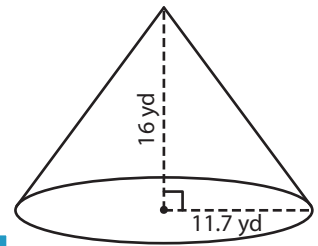
Volume = _____

2)



Volume = _____

3)



Volume = _____

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

4) radius = 9.9 in ; height = 12.5 in

Volume = _____

5) radius = 26 ft ; height = 18 ft

Volume = _____

6) height = 12.7 yd ; radius = 15 yd

Volume = _____

7) radius = 14.1 in ; height = 10.5 in

Volume = _____

8) A jewelry store uses wooden cones of height 4 inches to display rings. If the radius of the cone is 0.5 inches, how much wood is used in the cone? Round your answer to two decimal places. (use $\pi = 3.14$)



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Name : _____

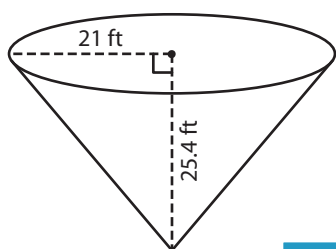
Answer key

Volume - Cone

Decimals: ES6

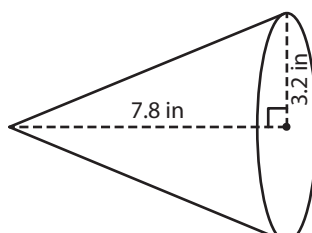
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



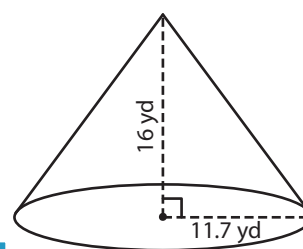
Volume = 11,724.1

2)



Volume = 2,292.45 yd³

3)



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

4) radius = 9.9 in ; height = 12.7 in

Volume = 666.7

5) radius = 26 ft ; height = 14.1 in

radius = 26 ft

Volume = 363.2 ft³

6) height = 12.7 yd ; radius = 11.7 yd

Volume = 872.13 yd³

Volume = 1,627.07 in³

8) A jewelry store uses wooden cones of height 4 inches to display rings. If the radius of the cone is 0.5 inches, how much wood is used in the cone? Round your answer to two decimal places. (use $\pi = 3.14$)

1.05 cubic inches



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