

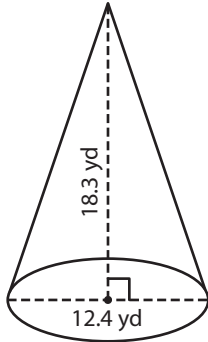
Name : _____

Volume - Cone

Decimals: MS6

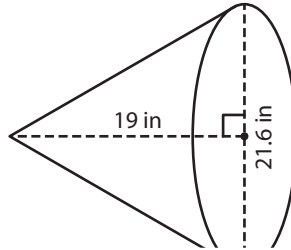
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



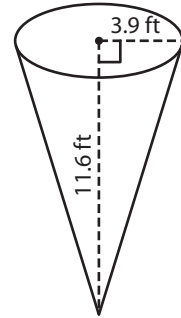
Volume = _____

2)



Volume = _____

3)



Volume = _____

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

4) height = 29.7 ft ; radius = 10.5 ft

Volume = _____

6) radius = 16.8 in ; height = 25.2 in

Volume = _____

5) height = 18.5 ft ; radius = 6.2 ft

7) diameter = 13.2 yd ; height = 4.5 yd

8) radius = 5.5 in ; height = 13.8 ft

Volume = _____

8) The base of a spinning top is in the shape of a cone. The height is 1.5 inches and diameter 2 inches. Find the volume of the cone. (use $\pi = 3.14$)



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Name : _____

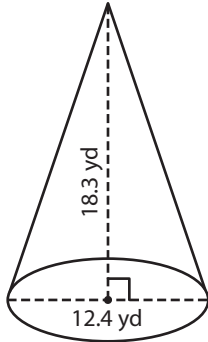
Answer key

Volume - Cone

Decimals: MS6

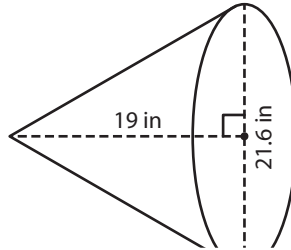
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(use $\pi = 3.14$)

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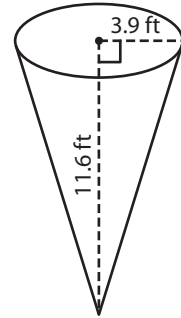
Volume = 736.28

2)



Volume = 184.67 ft³

3)



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

4) height = 29.7 ft ; radius = 10.2 ft

Volume = 14,369

5) radius = 13.2 yd ; height = 10.8 yd

Volume = 1.28 yd³

6) radius = 16.8 in ; height = 13.8 in

Volume = 305.64 ft³

Volume = 5,287.86 in³

Volume = 305.64 ft³

8) The base of a spinning top is in the shape of a cone. The height is 1.5 inches and diameter 2 inches. Find the volume of the cone. (use $\pi = 3.14$)

1.57 cubic inches

