

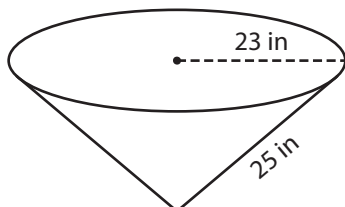
Name : _____

Volume - Cone

Sheet 1

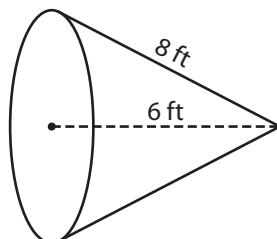
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



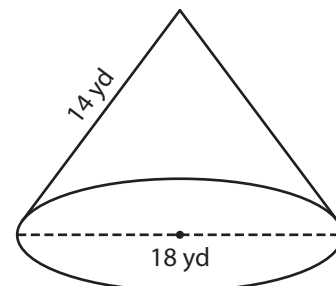
Volume = _____

2)



Volume = _____

3)



Volume = _____

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

4) slant height = 23 in ; radius = 10 in

Volume = _____

6) diameter = 22 yd ; slant height = 19 yd

Volume = _____

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5) Round your answer to two decimal places.

slant height = 21 ft ; radius = 10 ft

Volume = _____

slant height = 19 in ; radius = 10 in

Volume = _____

8) The height and slant height of a steel cone are 10 inches and 15 inches respectively. What is the volume of the cone? Round your answer to two decimal places. (use $\pi = 3.14$)



Name : _____

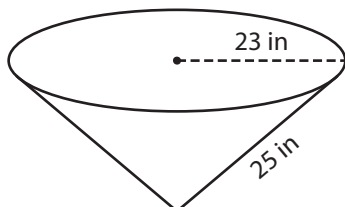
Answer key

Volume - Cone

Sheet 1

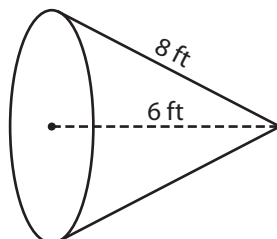
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



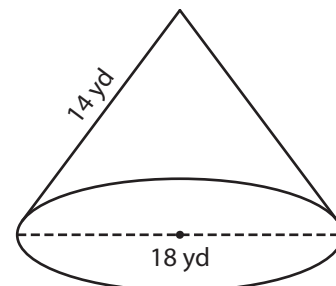
Volume = 5,425

2)



Volume = 909.16 yd³

3)



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

4) slant height = 23 in ;

Volume = 379.3

6) diameter = 22 yd ; slant height = 21 ft

Volume = 101.01 ft³

Volume = 1,308.33 in³

Volume = 3,534.78 yd³

Volume = 479.64 in³

8) The height and slant height of a steel cone are 10 inches and 15 inches respectively. What is the volume of the cone? Round your answer to two decimal places. (use $\pi = 3.14$)

1,308.33 cubic inches

