

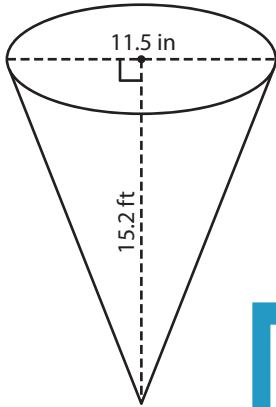
Name : _____

Volume - Cone

Decimals: DS3

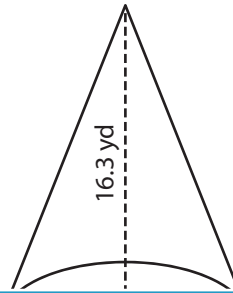
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



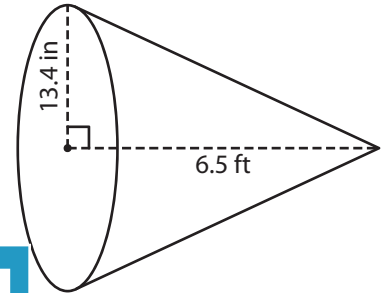
Volume = _____

2)



Volume = _____

3)



Volume = _____ ft^3

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

4) height = 4.2 yd ; radius = 3.5 yd

Volume = _____

6) height = 29.6 yd ; radius = 1.5 yd

Volume = _____ yd^3

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5) height = 8.7 yd ; radius = 2.5 yd

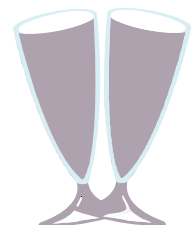
Volume = _____ ft^3

7) height = 17.2 yd ; radius = 1.2 yd

Volume = _____ yd^3

8) At a party, Rose serves apple juice in cone-shaped glasses. The glasses measure 0.42 feet in height and 2 inches in radius. Find the volume of the glass. Round your answer to two decimal places. (use $\pi = 3.14$)

_____ cubic inches



Name : _____

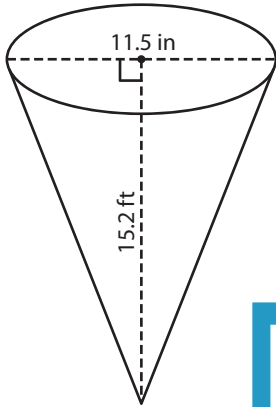
Answer key

Volume - Cone

Decimals: DS3

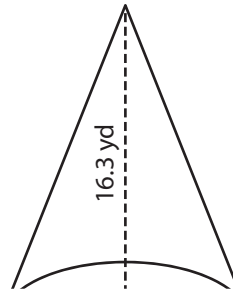
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



Volume = 6,312.03

2)



PREVIEW

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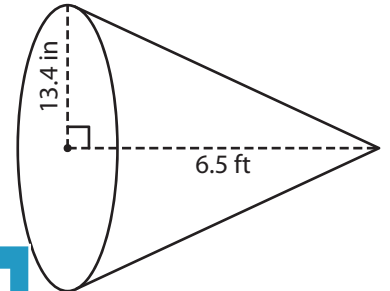
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Volume = 989.1

3)



Volume = 8.48 ft³

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

4) height = 4.2 yd ; radius = 1.5 yd

Volume = 989.1

5) radius = 3.5 ft ; height = 8.7 yd

Volume = 3.98 ft³

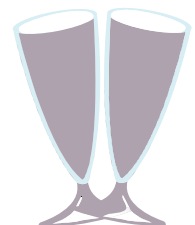
6) height = 29.6 yd ; radius = 2.3 yd

Volume = 1,561.77 yd³

7) radius = 1.5 ft ; height = 17.2 yd

Volume = 2 yd³

8) At a party, Rose serves apple juice in cone-shaped glasses. The glasses measure 0.42 feet in height and 2 inches in radius. Find the volume of the glass. Round your answer to two decimal places. (use $\pi = 3.14$)



21.1

cubic inches