

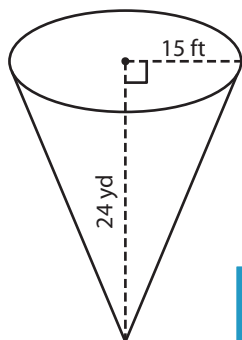
Name : _____

Volume - Cone

Integers: DS3

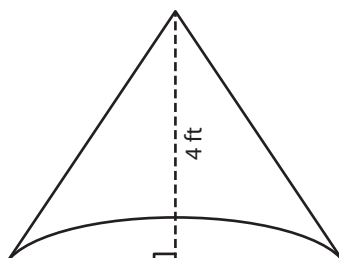
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



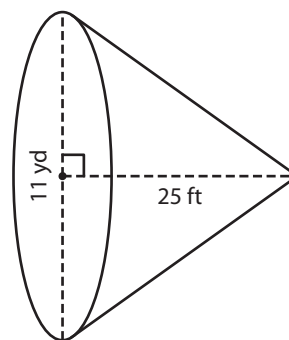
Volume = _____

2)



Volume = _____

3)



Volume = _____ ft^3

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

4) height = 3 yd ; diameter = 10 yd

Volume = _____

6) radius = 3 ft ; height = 10 ft

Volume = _____ ft^3

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5) Round your answer to two decimal places.

height = 20 yd

Volume = _____ yd^3

radius = 9 ft

Volume = _____ yd^3

8) Mia has a cone-shaped flower basket hung in front of her house. The height is 1 foot and the radius is 5 inches. What is the volume of the basket? (use $\pi = 3.14$)

_____ cubic inches



Name : _____

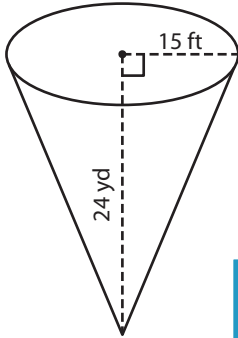
Answer key

Volume - Cone

Integers: DS3

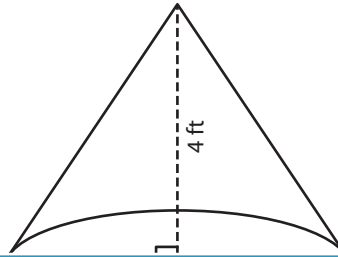
A) Find the volume of each cone. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



Volume = 628

2)



PREVIEW

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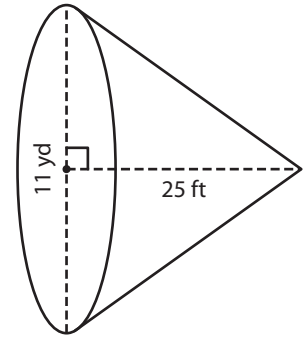
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Volume = 452.1

3)



Volume = 7,123.88 ft³

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

4) Round your answer to two decimal places.

4) height = 3 yd ; diameter = 10 yd

5) height = 20 yd ; radius = 10 yd

Volume = 452.1

Volume = 73 yd³

6) radius = 3 ft ; height = 10 ft

7) radius = 9 ft ; height = 10 ft

Volume = 18.84 ft³

Volume = 65.94 yd³

8) Mia has a cone-shaped flower basket hung in front of her house. The height is 1 foot and the radius is 5 inches. What is the volume of the basket? (use $\pi = 3.14$)



314 cubic inches