

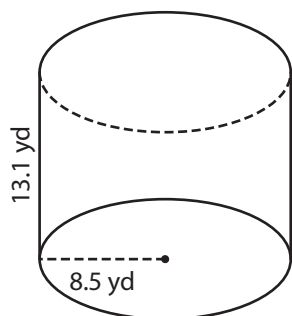
Name : _____

Volume - Cylinder

Decimals: ES1

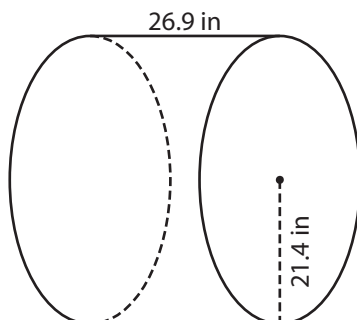
A) Find the volume of each cylinder. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



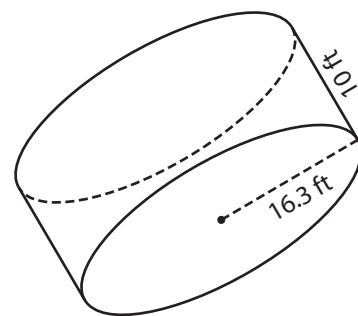
Volume = _____

2)



Volume = _____

3)



Volume = _____

B) Find the volume of each cylinder from the given parameters. Round your answer to two decimal places. (use $\pi = 3.14$)

4) radius = 4.1 in ; height = 9.7 in

Volume = _____

5) radius = 12.6 ft ; height = 18.2 ft

Volume = _____

6) height = 22.8 ft ; radius = 29.5 ft

Volume = _____

7) height = 20.3 yd ; radius = 11 yd

Volume = _____

8) A cylindrical pet carrier has a radius of 2 feet. If the height of the carrier is 1.7 feet, find the volume of the pet carrier. Round your answer to two decimal places. (use $\pi = 3.14$)

Name : _____

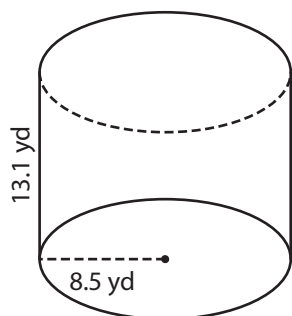
Answer key

Volume - Cylinder

Decimals: ES1

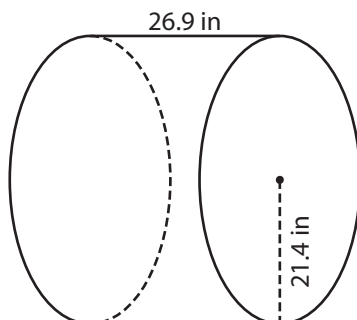
A) Find the volume of each cylinder. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



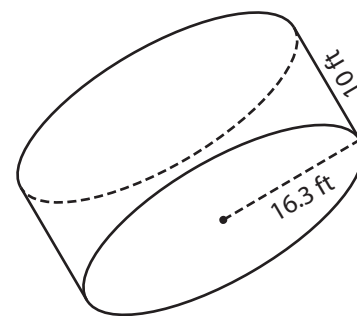
Volume = 2,971.93 yd³

2)



Volume = 38,682.05 in³

3)



Volume = 8,342.67 ft³

B) Find the volume of each cylinder from the given parameters. Round your answer to two decimal places. (use $\pi = 3.14$)

4) radius = 4.1 in ; height = 9.7 in

Volume = 512 in³

5) radius = 12.6 ft ; height = 18.2 ft

Volume = 9,072.82 ft³

6) height = 22.8 ft ; radius = 29.5 ft

Volume = 62,302.94 ft³

7) height = 20.3 yd ; radius = 11 yd

Volume = 7,712.78 yd³

8) A cylindrical pet carrier has a radius of 2 feet. If the height of the carrier is 1.7 feet, find the volume of the pet carrier. Round your answer to two decimal places. (use $\pi = 3.14$)

21.35 cubic feet