

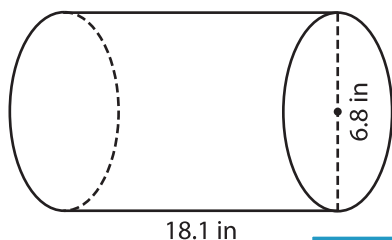
Name : _____

Decimals: MS1

Volume - Cylinder

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

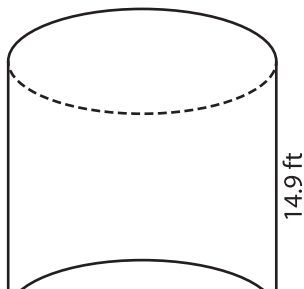
1)



18.1 in

Volume = _____

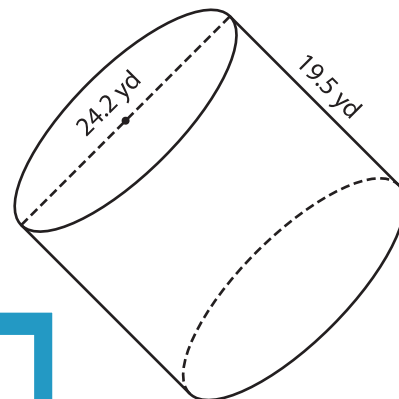
2)



14.9 ft

Volume = _____

3)



Volume = _____

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

4) height = 17.6 in ; radius = 4.2 in

Volume = _____

6) radius = 5.5 yd ; height = 12.8 yd

Volume = _____

5) diameter = 28.4 ft ; height = 10.5 ft

diameter = 28.4 ft

Volume = _____

7) radius = 3.2 m ; height = 21.3 in

Volume = _____

8) The height and diameter of Brenda's above-ground cylindrical pool are 5.1 feet and 15 feet respectively. How much water can the pool contain? Round your answer to two decimal places. (use $\pi = 3.14$)

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