

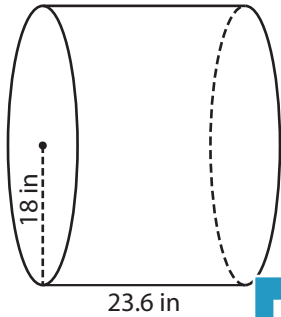
Name : _____

Volume - Cylinder

Decimals: MS5

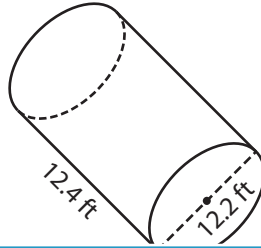
A) Find the volume of each cylinder. Round your answer to two decimal places. (use $\pi = 3.14$)

1)



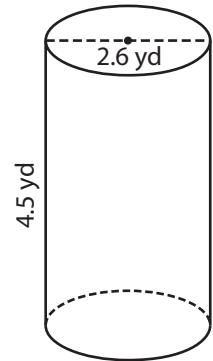
Volume = _____

2)



Volume = _____

3)



Volume = _____

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

4) height = 25 in ; diameter = 10 in

Volume = _____

6) radius = 19.9 yd ; height = 12.5 yd

Volume = _____

5) radius = 24.7 ft ; height = 18.2 ft

Volume = _____

7) radius = 12.5 in ; height = 8.7 in

Volume = _____

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8) Tom makes scented candles using cylindrical candle molds. If the height of a mold is 3.2 inches and the diameter 4.2 inches, what is its volume? Round your answer to two decimal places. (use $\pi = 3.14$)

Name : _____

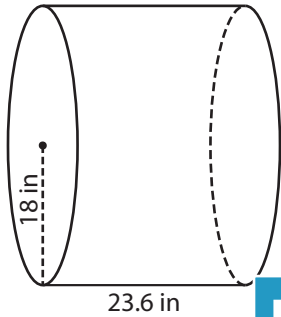
Answer key

Volume - Cylinder

Decimals: MS5

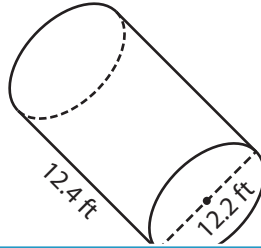
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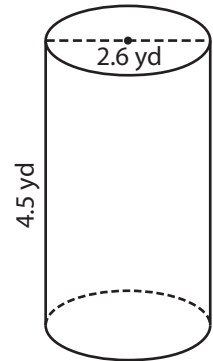
Volume = 24,009.12

2)



Volume = 590.72

3)



Volume = 23.88 yd³

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

4) height = 25 in ; diameter = 12 in

Volume = 14,949.12

6) radius = 19.9 yd ; height = 10 yd

Volume = 25,118.12 yd³

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Volume = 738.68 in³

8) Tom makes scented candles using cylindrical candle molds. If the height of a mold is 3.2 inches and the diameter 4.2 inches, what is its volume? Round your answer to two decimal places. (use $\pi = 3.14$)

44.31 cubic inches