

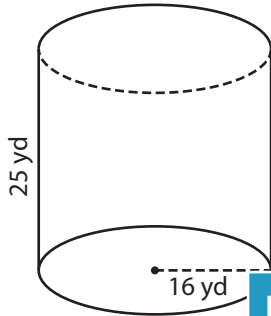
Name : _____

Volume - Cylinder

Integers: MS6

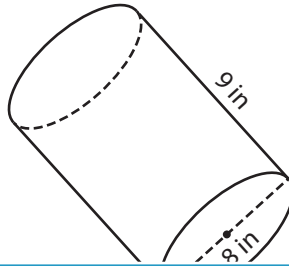
A) Find the volume of each cylinder. (use $\pi = 3.14$)

1)



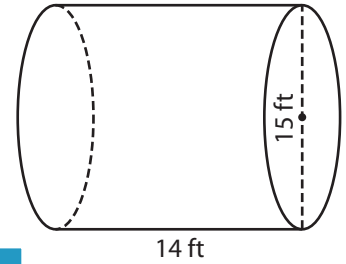
Volume = _____

2)



Volume = _____

3)



Volume = _____

B) Find the volume of each cylinder. (use $\pi = 3.14$)

4) height = 10 yd ; diameter = 16 yd

Volume = _____

6) diameter = 22 ft ; height = 10 ft

Volume = _____

5) height = 29 in ; radius = 10 in

Volume = _____

7) radius = 24 yd ; height = 12 yd

Volume = _____

8) A handmade bamboo flower vase has a height of 10 inches and diameter of 5 inches. Find the volume of the vase. (use $\pi = 3.14$)

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Name : _____

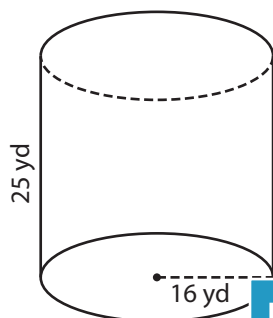
Answer key

Volume - Cylinder

Integers: MS6

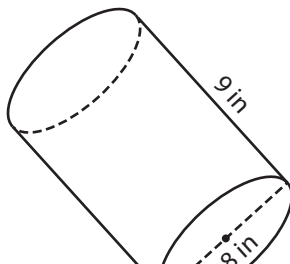
A) Find the volume of each cylinder. (use $\pi = 3.14$)

1)



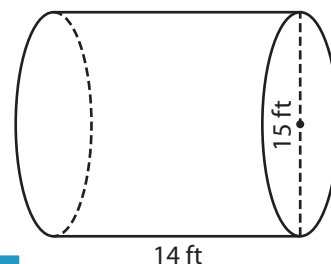
Volume = 20,096

2)



Volume = 20,096

3)



Volume = 2,472.75 ft³

B) Find the volume of each cylinder. (use $\pi = 3.14$)

4) height = 10 yd ; diameter = 16 yd

Volume = 282.6

6) diameter = 22 ft ; height = 29 in

Volume = 57.46 in³

radius = 24 yd

Volume = 6,458.98 ft³

Volume = 23,512.32 yd³

8) A handmade bamboo flower vase has a height of 10 inches and diameter of 5 inches. Find the volume of the vase. (use $\pi = 3.14$)

196.25 cubic inches

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