

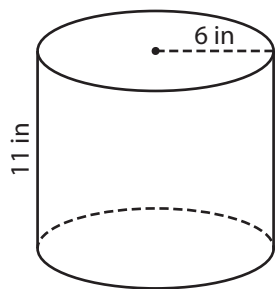
Name : _____

Volume - Cylinder

Integers: ES1

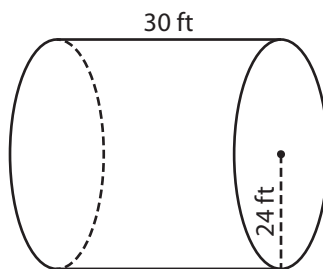
A) Find the volume of each cylinder. (use $\pi = 3.14$)

1)



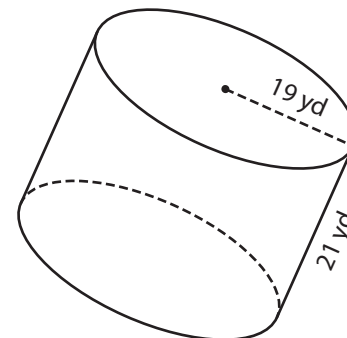
Volume = _____

2)



Volume = _____

3)



Volume = _____

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

4) height = 9 ft ; radius = 3 ft

Volume = _____

5) radius = 13 yd ; height = 8 yd

Volume = _____

6) radius = 16 in ; height = 27 in

Volume = _____

7) height = 15 ft ; radius = 10 ft

Volume = _____

8) A cylindrical flower vase is 11-inch tall. Find the volume of the vase if the radius is 4 inches. (use $\pi = 3.14$)

Name : _____

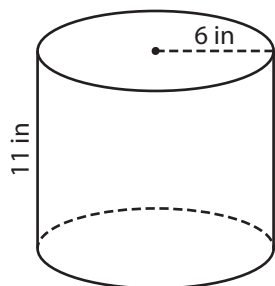
Answer key

Volume - Cylinder

Integers: ES1

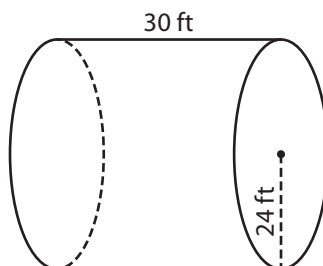
A) Find the volume of each cylinder. (use $\pi = 3.14$)

1)



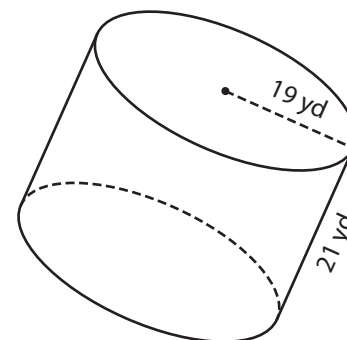
Volume = 1,243.44 in³

2)



Volume = 54,259.2 ft³

3)



Volume = 23,804.34 yd³

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

4) height = 9 ft ; radius = 3 ft

Volume = 254.34 ft³

5) radius = 13 yd ; height = 8 yd

Volume = 4,245.28 yd³

6) radius = 16 in ; height = 27 in

Volume = 21,703.68 in³

7) height = 15 ft ; radius = 10 ft

Volume = 4,710 ft³

8) A cylindrical flower vase is 11-inch tall. Find the volume of the vase if the radius is 4 inches. (use $\pi = 3.14$)

552.64 cubic inches