

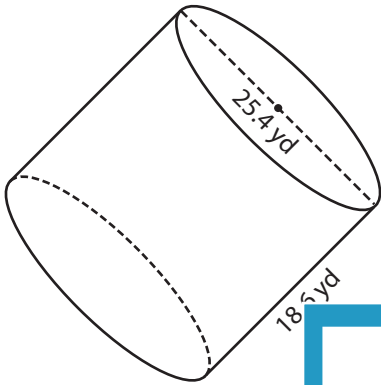
Name : _____

Decimals: MS6

Volume - Cylinder

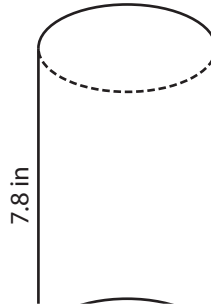
A) Find the volume of each cylinder. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



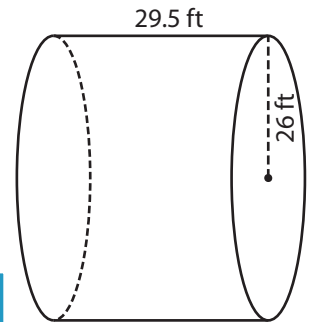
Volume = _____

2)



Volume = _____

3)



Volume = _____

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

4) radius = 8.5 yd ; height = 12.5 yd

Volume = _____

6) height = 19 ft ; diameter = 14 ft

Volume = _____

5) radius = 12.5 ft ; height = 9.4 in

Volume = _____

7) radius = 17.2 yd ; height = 11.5 yd

Volume = _____

8) An underground cylindrical oil storage tank measures 11.5 feet in length and 4 feet in diameter. How much oil can the tank hold? (use $\pi = 3.14$)

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Name : _____

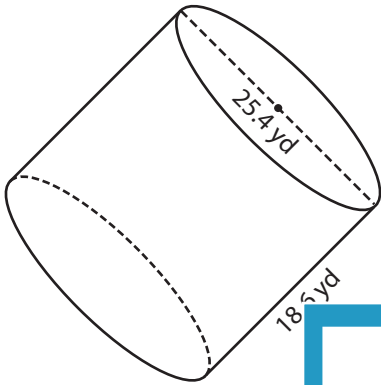
Answer key

Volume - Cylinder

Decimals: MS6

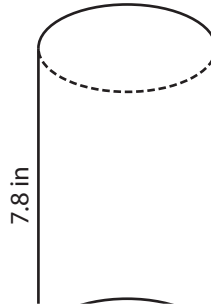
A) Find the volume of each cylinder. Round your answer to two decimal places.
(use $\pi = 3.14$)

1)



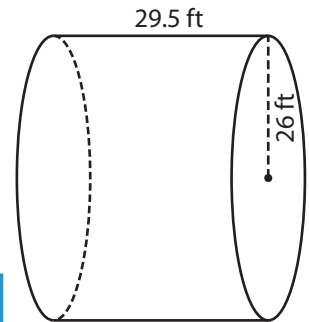
Volume = 9,419.98

2)



Volume = 3,675.2

3)



Volume = 62,617.88 ft³

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

4) radius = 8.5 yd ; height = 19.5 yd

Volume = 3,675.2

6) height = 19 ft ; diameter = 14 ft

Volume = 8,307.06 ft³

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Volume = 23,037.65 yd³

8) An underground cylindrical oil storage tank measures 11.5 feet in length and 4 feet in diameter. How much oil can the tank hold? (use $\pi = 3.14$)

144.44 cubic feet