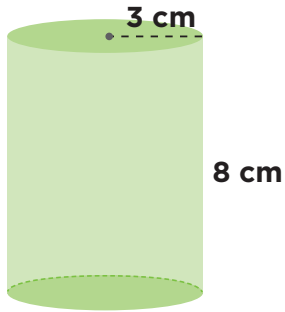


FINDING THE VOLUME OF CYLINDERS

You can find the volume of a cylinder using the formula $V = \pi r^2 h$, where r is the radius of the cylinder and h is the height of the cylinder.

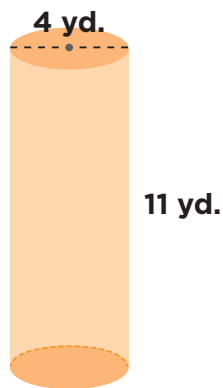
Try it! Find the volume of each cylinder. Use **3.14** for π , and round your final answer to the nearest hundredth if needed.

1.

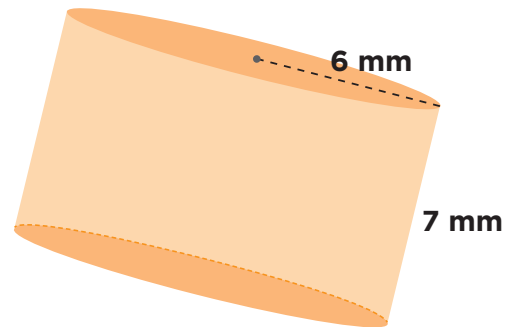
$$V \approx \underline{226.08 \text{ cm}^3}$$

2.

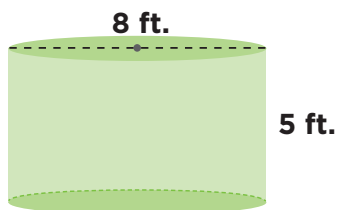
$$V \approx \underline{235.5 \text{ in.}^3}$$

3.

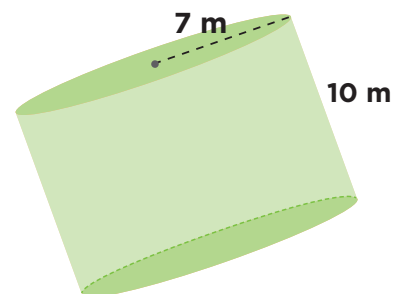
$$V \approx \underline{138.16 \text{ yd.}^3}$$

4.

$$V \approx \underline{791.28 \text{ mm}^3}$$

5.

$$V \approx \underline{251.2 \text{ ft.}^3}$$

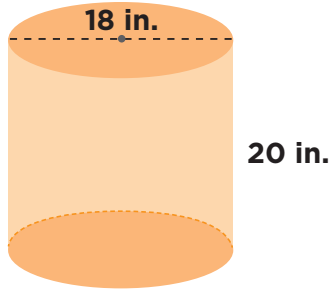
6.

$$V \approx \underline{1,538.6 \text{ m}^3}$$

FINDING THE VOLUME OF CYLINDERS

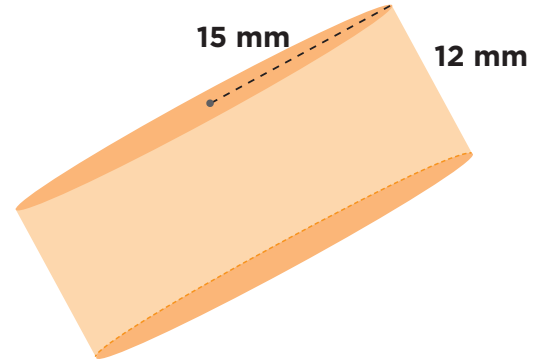
Keep going! Find the volume of each cylinder. Use **3.14** for π , and round your final answer to the nearest hundredth if needed.

7.



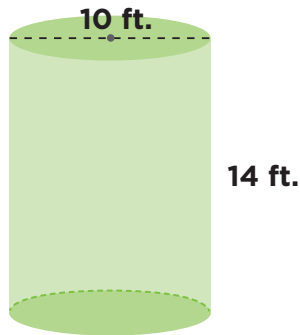
$$V \approx \underline{5,086.8 \text{ in.}^3}$$

8.



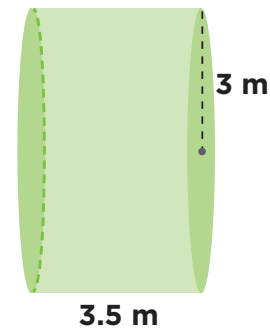
$$V \approx \underline{8,478 \text{ mm}^3}$$

9.



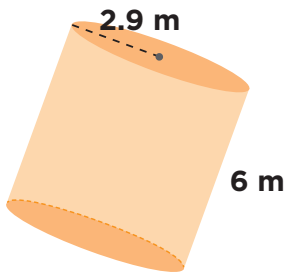
$$V \approx \underline{1,099 \text{ ft.}^3}$$

10.



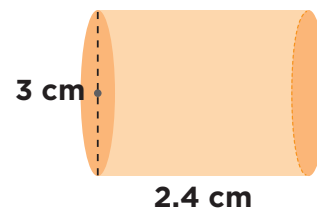
$$V \approx \underline{98.91 \text{ m}^3}$$

11.



$$V \approx \underline{158.44 \text{ m}^3}$$

12.



$$V \approx \underline{16.96 \text{ cm}^3}$$