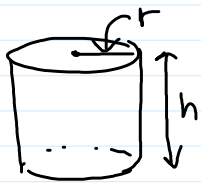


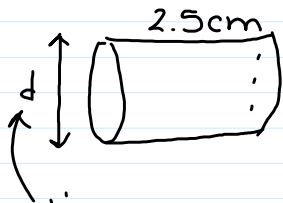
7.3 Volume of a Cylinder

May 13, 2016 8:30 AM



$$V = \pi r^2 h$$

Ex #1



$$\text{diameter} = \frac{7.6 \text{ cm}}{2}$$

$$\text{radius} = 3.8$$

$$\begin{aligned} V &= \pi r^2 h \\ &= \pi (3.8)^2 \times 2.5 \\ &= 113.354 \\ &\approx \boxed{113 \text{ cm}^3} \end{aligned}$$

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