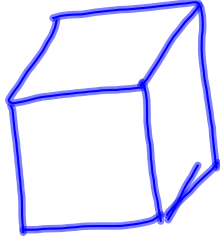


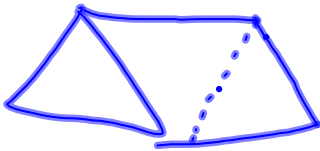
Volume

Prisms

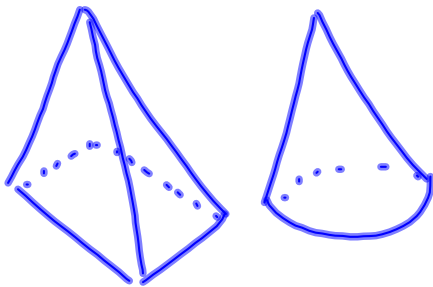


$$V = A_{\text{base}} \times h$$

"area of the base"



Pyramids



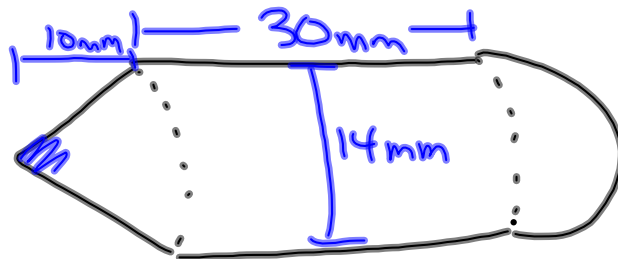
$$V = \frac{A_{\text{base}} \times h}{3}$$

Sphere

$$V = \frac{4\pi r^3}{3}$$



Ex. Determine the volume of the following solid.



$$V = 5849.6 \text{ mm}^3 \rightarrow 5.8496 \text{ cm}^3$$

Pg. 140 # 5, 10, 11, 12