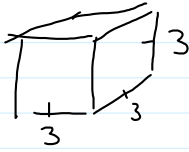


7.2 Volume of a Prism

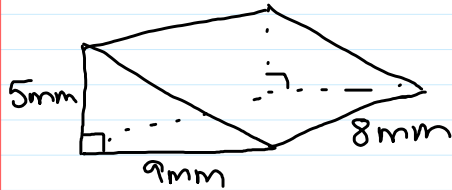
May 12, 2016 10:04 AM

Cube



$$\begin{aligned}V &= a^3 \\ &= 3^3 \\ &= \boxed{27 \text{ cm}^3}\end{aligned}$$

Right Triangular Prism



$$\begin{aligned}V &= \frac{(bh)}{2} \times l \\ &= \frac{(9 \times 5)}{2} \times 8 \\ &= \frac{45}{2} \times 8 \\ &= 22.5 \times 8 = \boxed{180 \text{ mm}^3}\end{aligned}$$

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