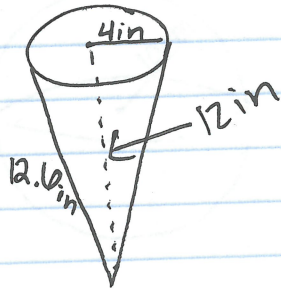


⊙ Volume - Cones

$$V = \frac{Bh}{3} \quad \text{or} \quad V = \frac{\pi r^2 h}{3}$$

EX.

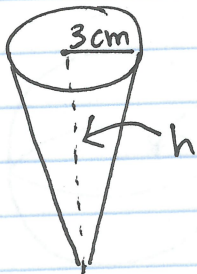


$$V = 3.14(4^2)$$

$$V = \frac{50.24(12)}{3}$$

$$V = 200.96 \text{ in}^3$$

EX.



$$V = 65.94 \text{ cm}^3$$

$$V = \frac{\pi r^2 h}{3}$$

$$65.94 = \frac{3.14(3^2)h}{3}$$

$$197.82 = 3.14(9)h$$

$$197.82 = 28.26h$$

$$\frac{197.82}{28.26} = \frac{28.26h}{28.26}$$

$$7 \text{ cm} = h$$