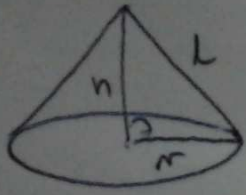


3AD 220



2 TH. PITAGORASA

$$h^2 = L^2 - r^2$$

$$h^2 = \left(\frac{78}{10}\right)^2 - 3^2$$

$$h^2 = \left(\frac{39}{5}\right)^2 - 3^2$$

$$h^2 = \frac{1521}{25} - 9$$

$$h^2 = \frac{1521 - 225}{25}$$

$$h = \sqrt{\frac{1296}{25}} = \frac{36}{5}$$

$$r = 3 \quad P_{\text{dasar}} = \pi r^2 = \pi \cdot 3^2 = 9\pi$$

$$L = 4,8$$

$$\begin{aligned} \underline{\underline{V}} &= \frac{1}{3} P_{\text{dasar}} \cdot h = \frac{1}{3} \cdot 9\pi \cdot \frac{36}{5} = \\ &= \frac{108\pi}{5} \end{aligned}$$

$$P_{\text{katu}} = P_{\text{dasar}} + P_{\text{boku}}$$

$$P_{\text{boku}} = \pi r \cdot L = \pi \cdot 3 \cdot \frac{78}{10} = \frac{117\pi}{5}$$

$$\underline{\underline{P_{\text{katu}}}} = 9\pi + \frac{117\pi}{5} = \frac{45\pi + 117\pi}{5} = \underline{\underline{\frac{162\pi}{5}}}$$