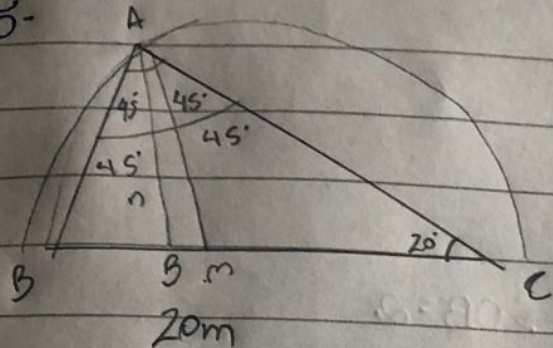






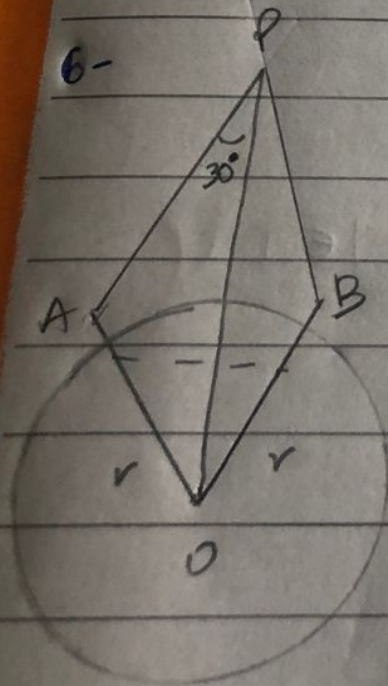
5-



$$a) \frac{m}{2} = \frac{h}{2} = \frac{20}{2} = 10 \text{ cm}$$

$$b) 0^\circ = 45^\circ - 20^\circ = 25^\circ$$

6-



$$\sin \hat{P} = \frac{OA}{PO}$$

$$\sin 30^\circ = \frac{r}{PO}$$

$$\frac{1}{2} = \frac{r}{PO} \Rightarrow PO = 2r \rightarrow \boxed{C}$$