

$$\tan \theta = \frac{h}{b} \rightarrow (1)$$

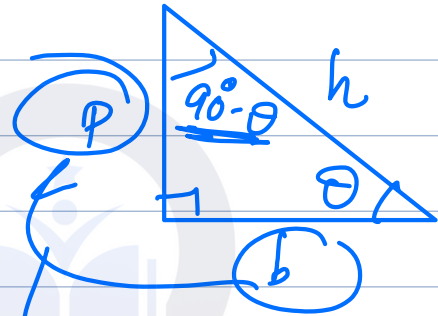
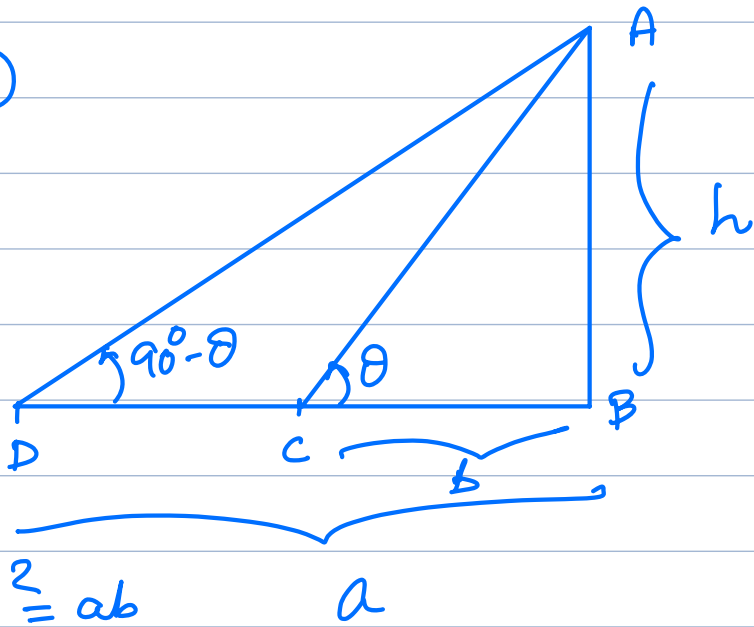
$$\tan(90^\circ - \theta) = \frac{h}{a}$$

$$\rightarrow \cot \theta = \frac{h}{a} \rightarrow (2)$$

① x ②

$$1 = \frac{h}{b} \cdot \frac{h}{a} \Rightarrow h^2 = ab$$

$$h = \sqrt{ab}$$



$$\tan \theta = \frac{p}{b}$$

$$\cot \theta = \frac{b}{p}$$

$$\tan(90^\circ - \theta) = \frac{b}{p}$$