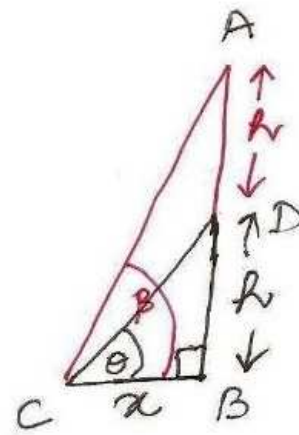


$$\begin{aligned} \textcircled{11} \quad \frac{\tan \theta}{\tan \beta} &= \frac{h}{x} \div \frac{2h}{x} \\ &= \frac{h}{x} \times \frac{x}{2h} \end{aligned}$$



$$\frac{\tan \theta}{\tan \beta} = \frac{1}{2}$$

$$2 \tan \theta = \tan \beta$$

$$\text{let } \theta = 30^\circ$$

$$\begin{aligned} 2 \tan \theta &= 2 \tan 30^\circ \\ &= 2 \times \frac{1}{\sqrt{3}} \\ &= \frac{2}{\sqrt{3}} \end{aligned}$$

$$\therefore \text{false} \neq \tan 60^\circ$$