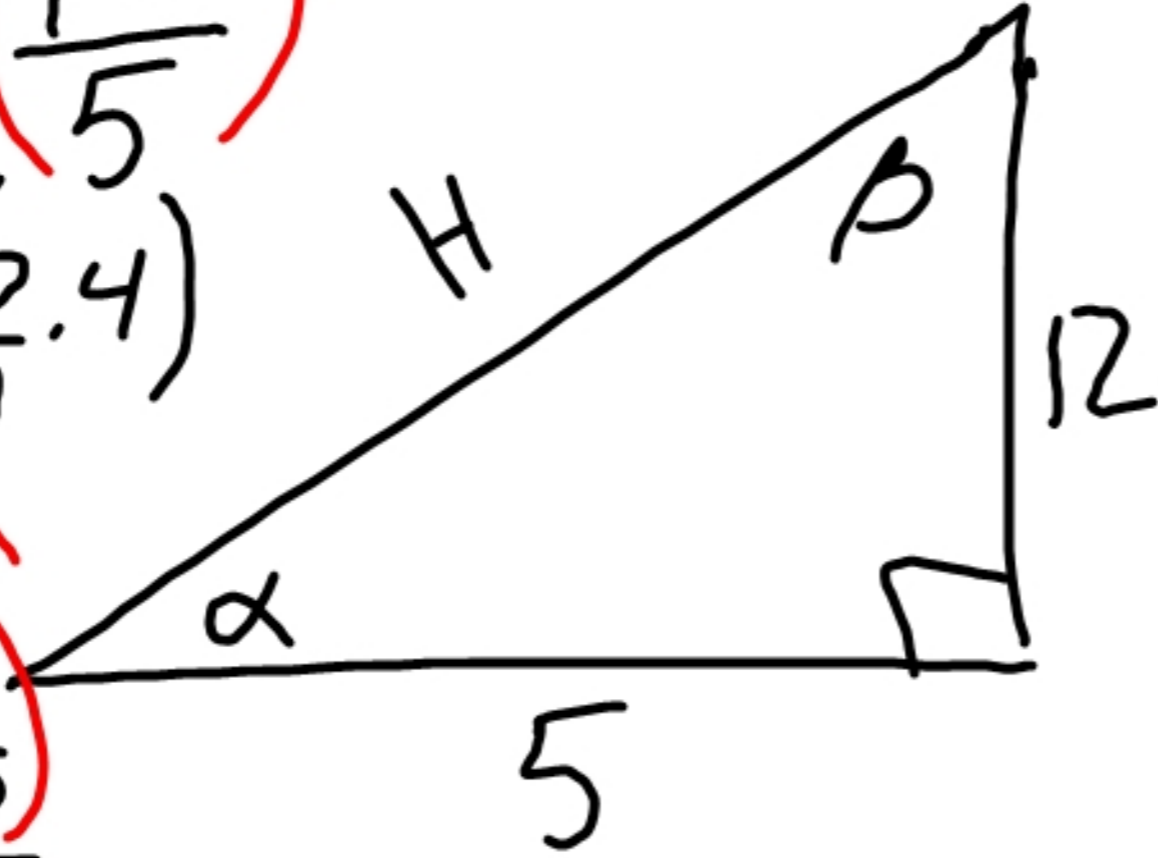


$$\alpha = \overset{\text{TAN}^{-1}}{\text{TAN}} \alpha = \left(\frac{12}{5} \right)^{\text{TAN}^{-1}}$$

$$\alpha = \text{TAN}^{-1}(2.4)$$

$$\alpha = 67.38^\circ$$



$$\beta = \overset{\text{TAN}^{-1}}{\text{TAN}} \beta = \left(\frac{5}{12} \right)^{\text{TAN}^{-1}}$$

$$\beta = \text{TAN}^{-1}\left(\frac{5}{12}\right)$$

$$\beta = 22.62^\circ$$

$$H = 5^2 + 12^2 = H^2$$

$$25 + 144 = \sqrt{169} = \sqrt{H^2} \quad (H = 13)$$