

$$\tan(33) = \frac{h}{100}$$

$$100 \cdot \tan(33)$$

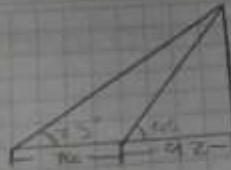
$$64.9 = x$$

$$\sin(45) = \frac{64.9}{x}$$

$$x \cdot \sin(45) = 64.9$$

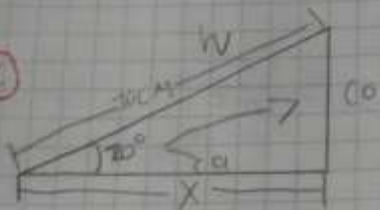
$$x = \frac{64.9}{\sin(45)} = 92$$

$$\begin{aligned} CA &= 100 \\ \theta &= 33 \\ CC &= x \end{aligned}$$



$$h = 92$$

②

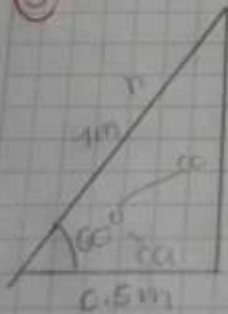


$$\cos(20) = \frac{10}{CA}$$

$$CA = 10 \cdot (\cos(20))$$

$$CA = 9.39$$

③



$$h^2 = a^2 + b^2$$

$$1^2 = a^2 + 0.5^2$$

$$a^2 = 1^2 - 0.5^2$$

$$a^2 = 0.75 - 1$$

$$a^2 = 0.75$$

$$a = \sqrt{0.75} = 0.86$$

$$\text{Sen} \cdot \cos \theta + 5 \text{ tang}$$
$$\frac{CO}{W} \cdot \frac{CO}{W} + \frac{5}{1} \cdot \frac{CO}{CA}$$

$$\frac{CO \cdot CO}{W^2} + \frac{5}{1} \cdot \frac{CO}{CA}$$

$$\frac{CO \cdot CO}{W^2} + \frac{5CO}{CA}$$

$$\frac{1}{3} \text{ sen} \cdot \cos + 5 \text{ tang} (\alpha)$$

$$\frac{1}{3} \frac{CO}{W} \cdot \frac{CO}{W}$$

$$\frac{1CO \cdot CO}{3} + \frac{5}{1} \cdot \frac{CO}{CA}$$

$$\frac{1CO \cdot CO}{3} + \frac{5CO}{1CA}$$

$$\frac{\cancel{CO} + \cancel{CO} + \cancel{CO} + 3 + 5 + \cancel{CO}}{3 \cancel{CO}}$$

$$\frac{8}{3} = 2,66666$$

$$1 + \tan^2 = ? \quad \text{?}$$

$$\frac{1}{1} + \frac{\cos^2}{\sin^2} = \frac{\sin^2 + \cos^2}{\sin^2} = \frac{1}{\cos^2}$$