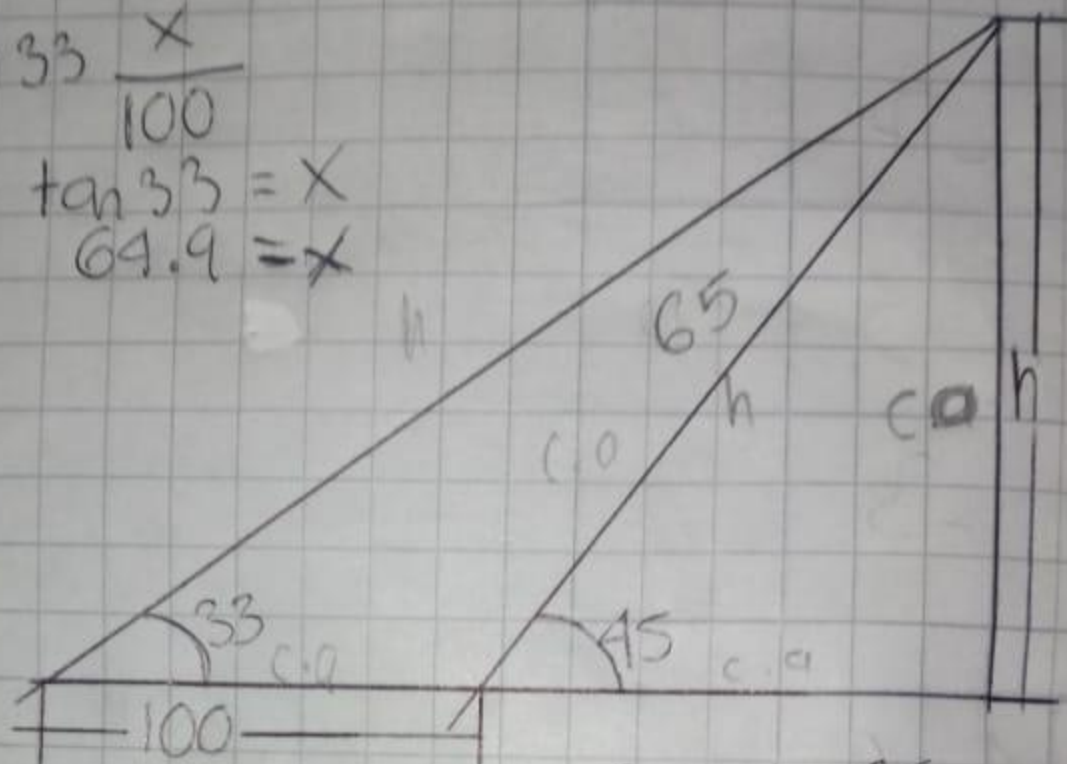


$$\tan 33 = \frac{x}{100}$$
$$100 \cdot \tan 33 = x$$
$$64.9 = x$$



$$\text{Sen } 45 = \frac{65}{h}$$

$$h \cdot \text{Sen } 45 = 65$$

$$h = \frac{65}{\text{Sen } 45}$$

$$h = 185$$

4.9

$$4 \operatorname{sen}(\theta) = \frac{1}{3} \operatorname{sen}(a) = \operatorname{sen}(a) \operatorname{csc}(\theta) + 5 \tan(a)$$

$$\operatorname{sen}(a) \cdot \operatorname{csc}(\theta) + 5 \tan(a)$$

$$\frac{\operatorname{co} a}{\cancel{x}} \cdot \frac{\cancel{x}}{\theta \theta} + 5 \frac{\operatorname{co} a}{\operatorname{c.o} a}$$

$$a = 67.5$$

$$\frac{\cancel{\operatorname{co} \theta}}{\operatorname{c.o}} + 5 \frac{\operatorname{c.o}}{\operatorname{c.o}} \theta$$

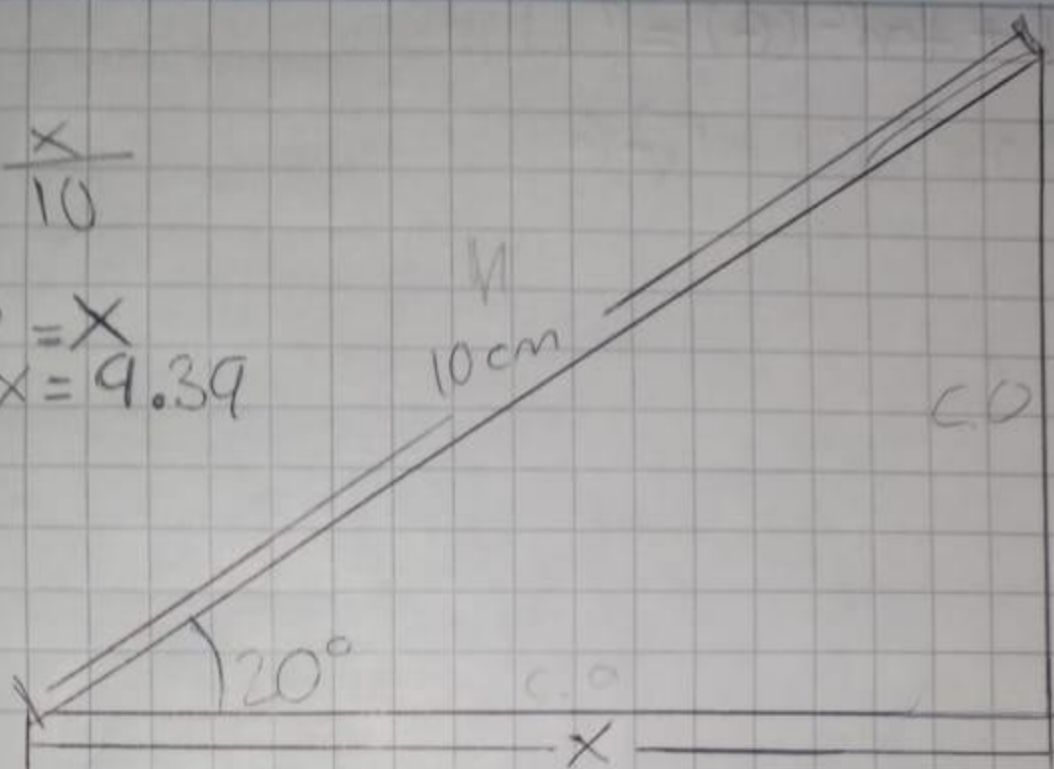
$$\theta = 22.5$$

$$5 \frac{\operatorname{c.o}}{\theta} = 5 \tan \theta = 5 = 0.41$$

$$= 2.0A$$

$$\cos 20 = \frac{x}{10}$$

$$10 \cdot \cos 20 = x$$
$$x = 9.39$$



$$\cos(30) = \frac{x}{7}$$

$$(1) - \cos 30 = 0.866$$
$$0.866 =$$

$$\frac{2}{\sqrt{3}}$$

