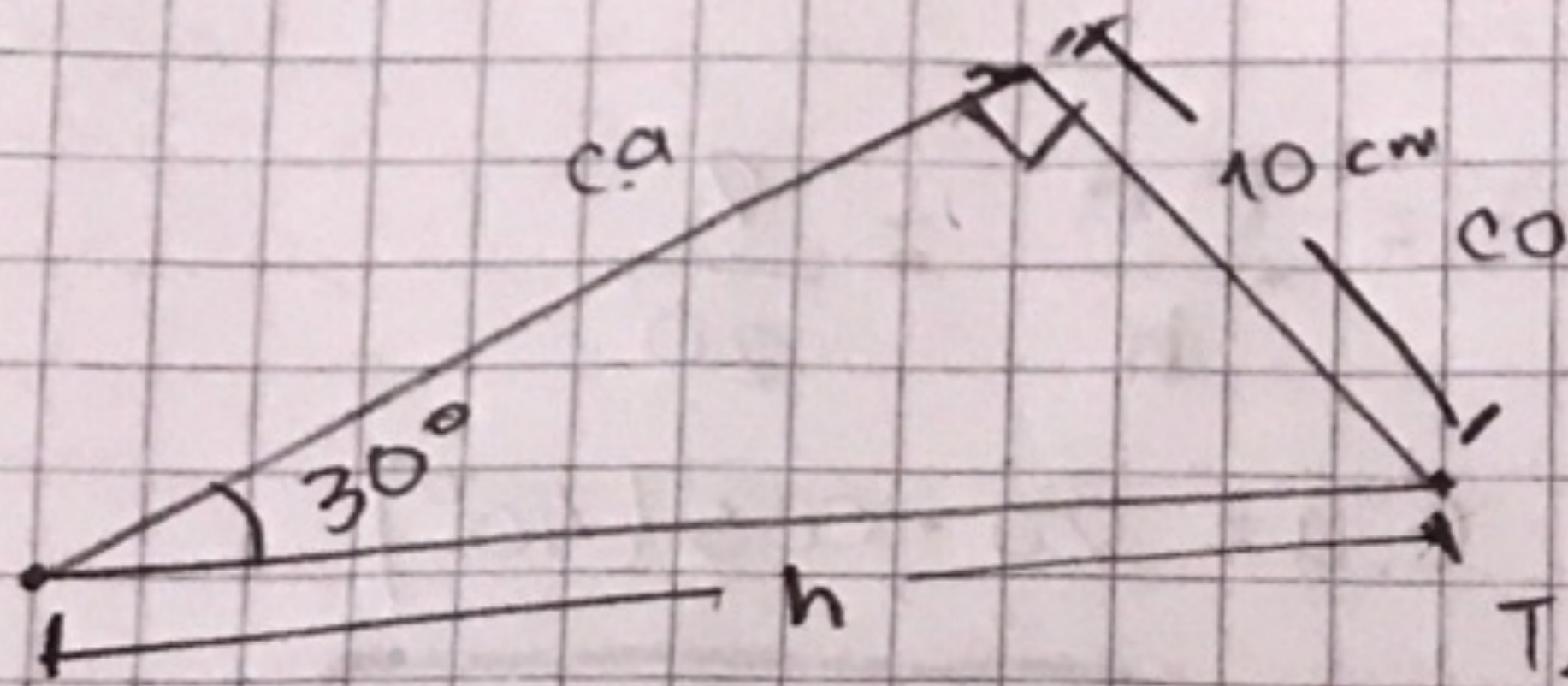


12 - mayo - 2021.

# Evaluación

1. ¿Cuál es el valor de la hipotenusa?

$$\text{Sen}(30) = 0,5$$



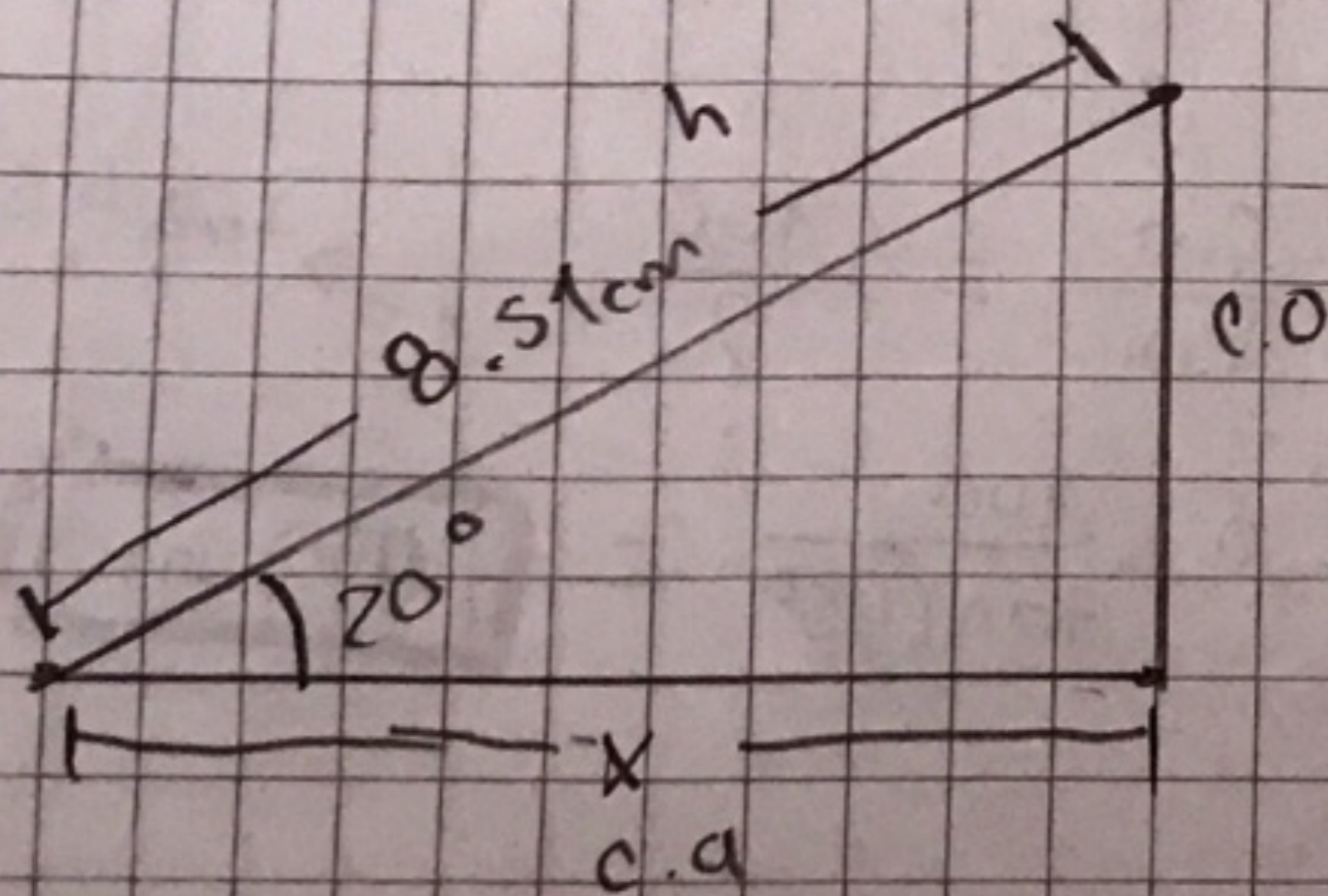
$$\text{Sen} = \frac{c.o.}{h} = \frac{10 \text{ cm}}{h}$$

$$h = \frac{10}{\text{Sen}(30)}$$

$$h = \frac{10}{0,5}$$

$$h = 20$$

2. ¿Cuál es el valor del cateto faltante?



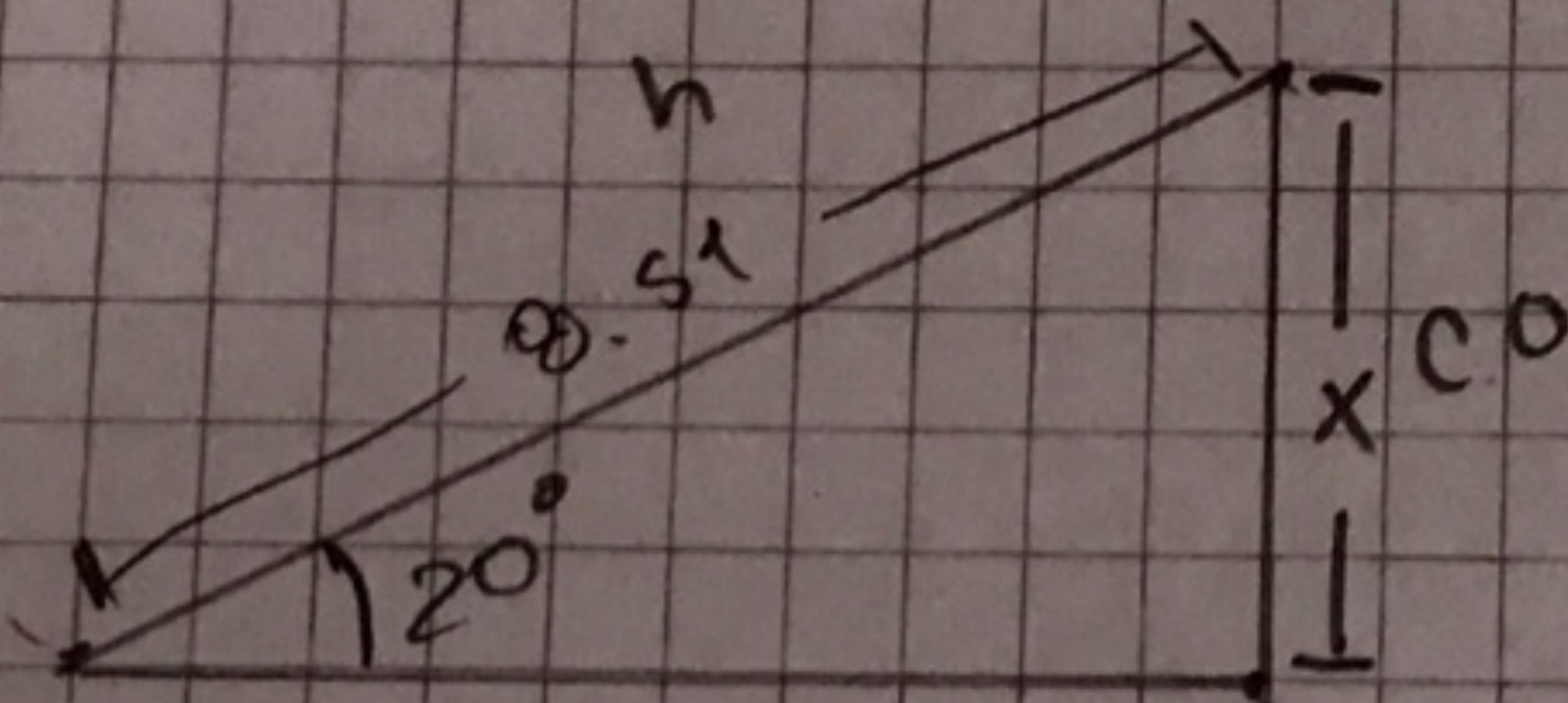
$$\text{Cos} = \frac{c.a.}{h} = \frac{?}{8.51}$$

$$\text{Cos}(20^\circ) = 0.93$$

$$c.a. = 8.51 \cdot \text{Cos}(20^\circ)$$

$$c.a. = 7.99$$

3. ¿Cuál es el valor del cateto faltante?



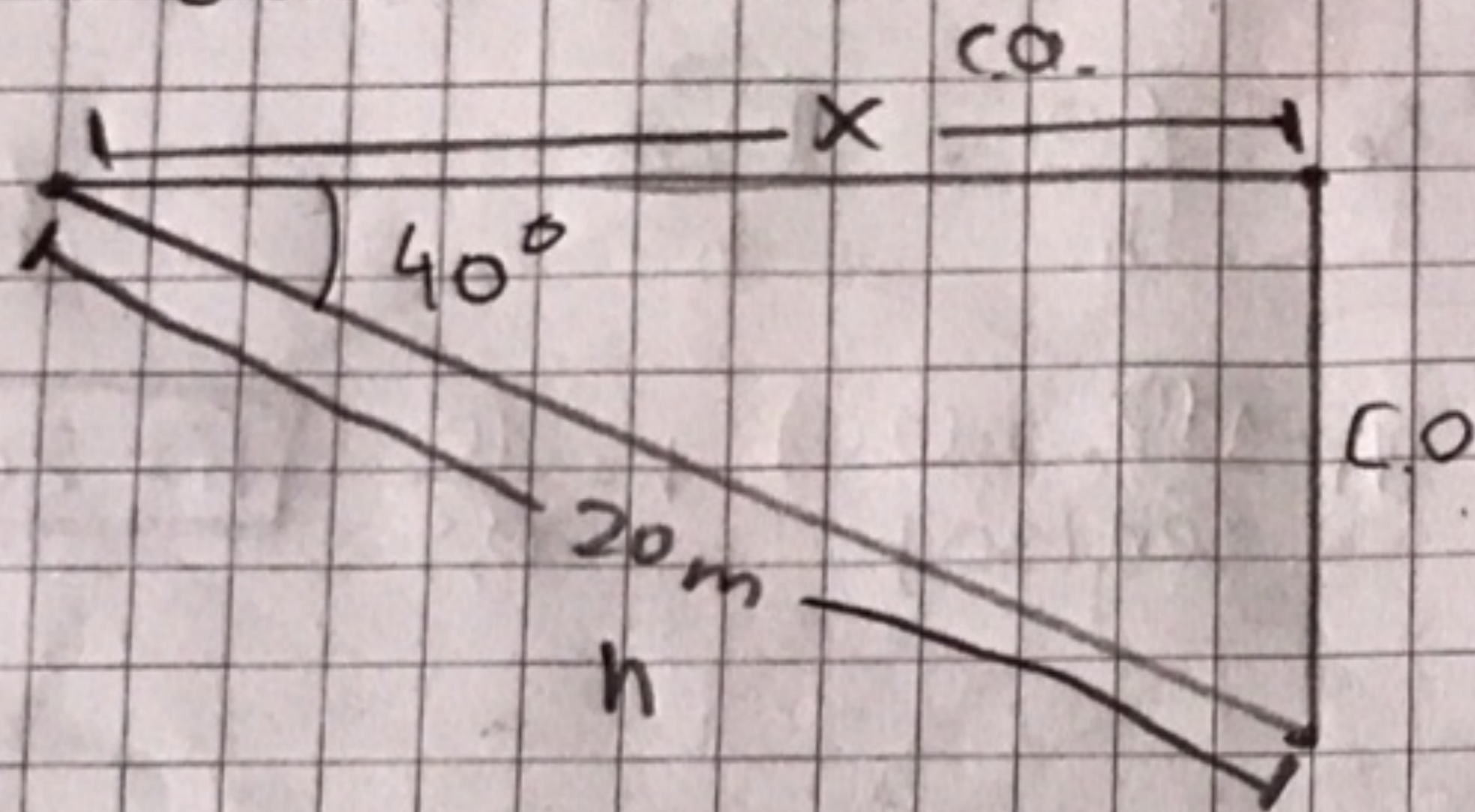
$$\text{Sen} = \frac{c.o.}{h} = \frac{?}{8.51}$$

$$\text{Sen}(20^\circ) = 0,34$$

$$c.o. = 8.51 \cdot \text{Sen}(20^\circ)$$

$$c.o. = 2,91$$

4. ¿Cuál es el valor del cateto faltante?

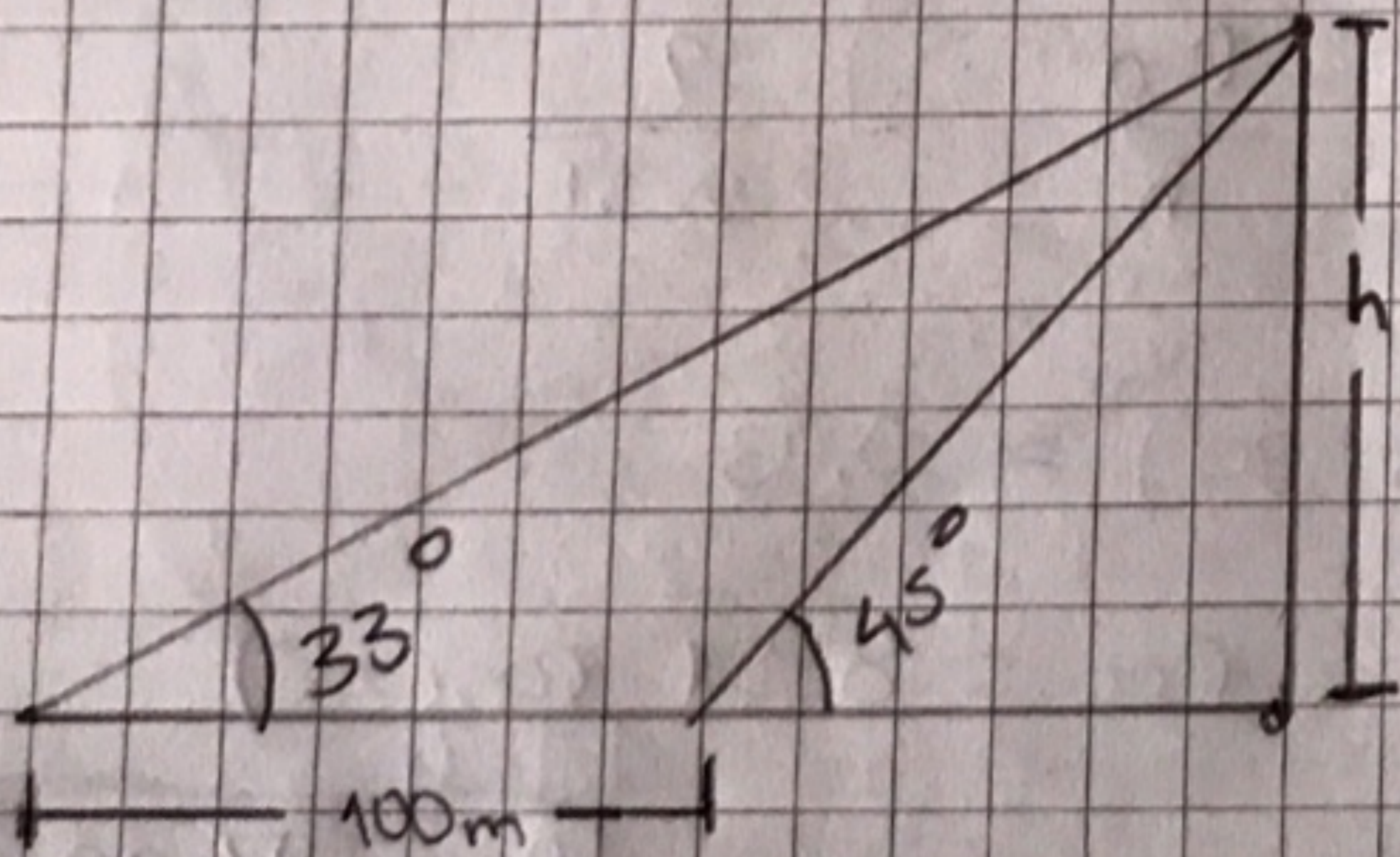


$$\cos = \frac{C.a}{h} = \frac{?}{20}$$

$$C.a = 20 \cdot \cos(40^\circ)$$

$$C.a = 15,32$$

5. ¿Cuál es el valor de h?



$$\tan = \frac{C.a}{C.o} = \frac{100}{?}$$

$$1 \rightarrow \tan(45^\circ)$$

$$C.o = \frac{100}{\tan(45^\circ)} =$$

$$100 \text{ m}$$