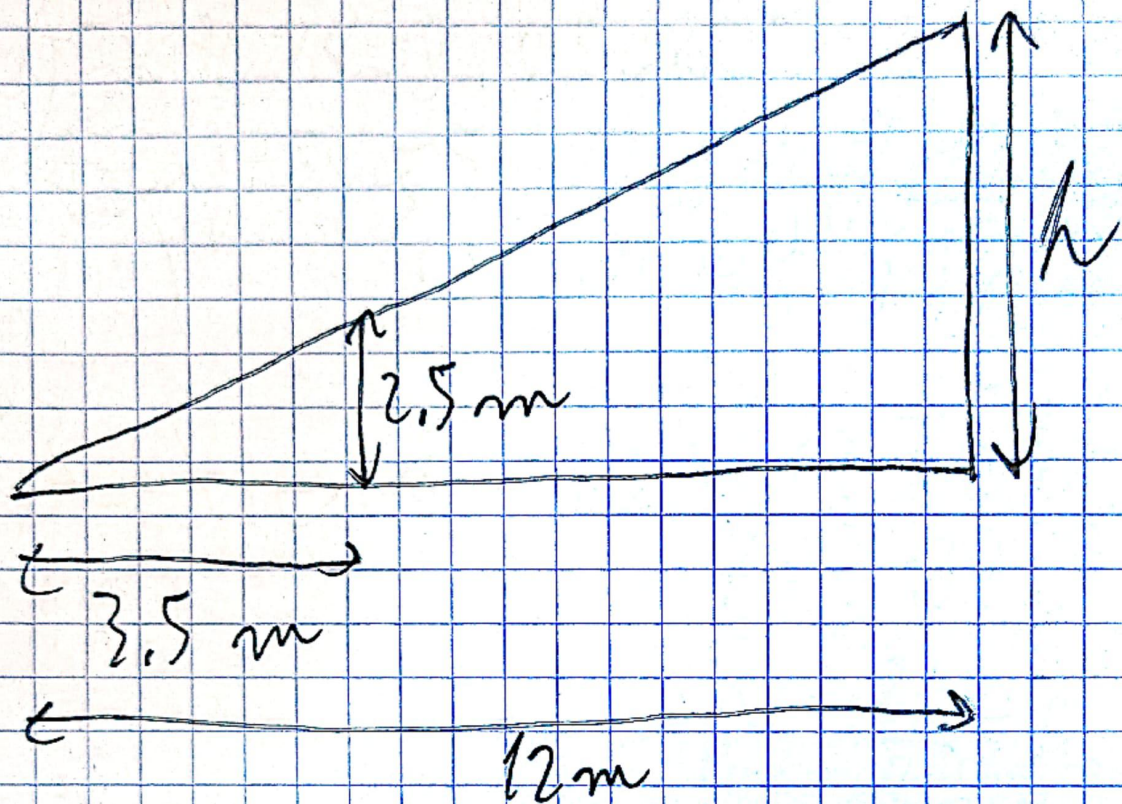


a) ESCALA 1:30
MAQUETA: 0.5 m
EDIFICIO = $30 \cdot 0.5 = 15 \text{ m}$

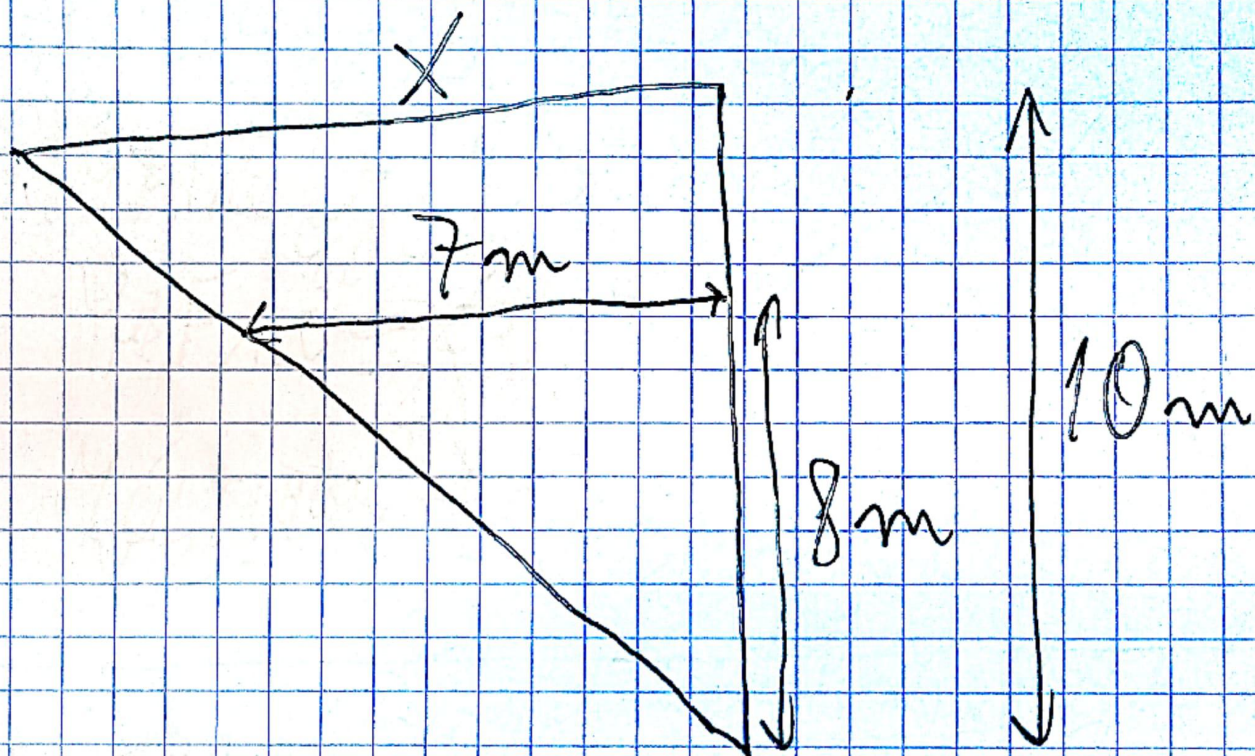
b) ESCALA: 1:1 000 000
MAPA: 5 cm
DISTANCIA REAL: 5 000 000 cm
50 000 m
50 km

c) ESCALA: 10:1
CROQUIS: 15 cm
PIEZA = $\frac{15}{10} = 1.5 \text{ cm}$



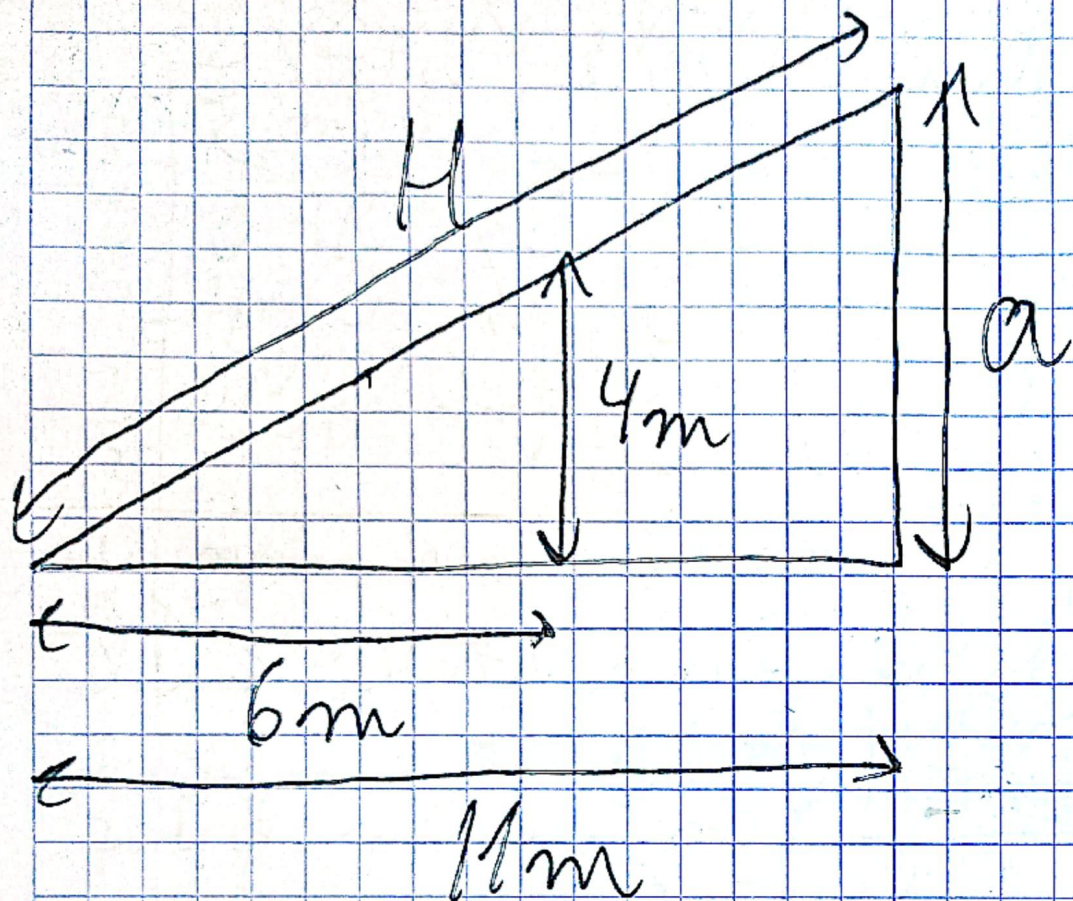
$$\frac{\text{TRIANGULO GRANDE}}{\text{TRIANGULO PEQUEÑO}} = \frac{12}{3.5} = 3.43$$

$$h = 3.43 \cdot 2.5 = 8.57 \text{ m}$$



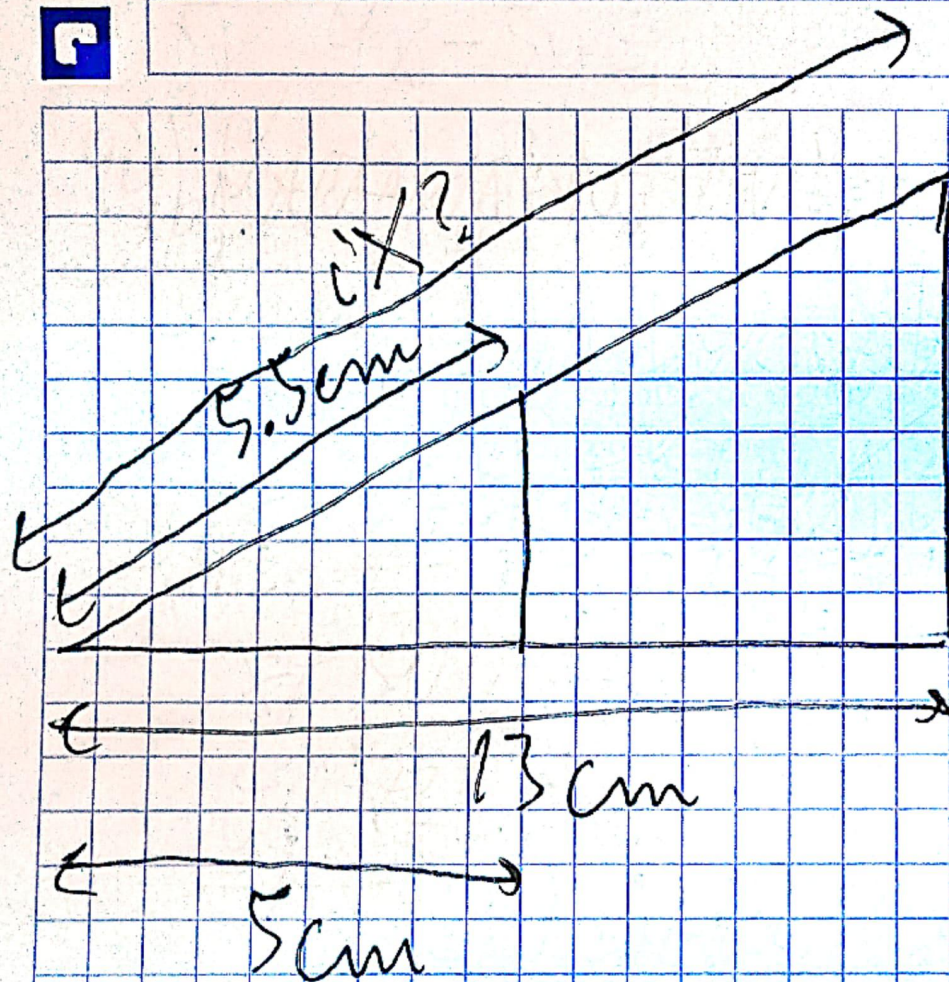
$$\frac{\text{TRIÂNGULO GRANDE}}{\text{TRIÂNGULO PEQUENO}} = \frac{10}{8} = 1.25$$

$$X = 7 \cdot 1.25 = 8.75 \text{ m}$$



$$\frac{\text{TRIANGULO GRANDE}}{\text{TRIANGULO PEQUENO}} = \frac{11}{6} = 1.8\overline{3}$$

$$a = 1.8\overline{3} \cdot 4 = 7.\overline{3} \text{ m}$$



$$\frac{T. GRANDE}{T. PEQUENO} = \frac{13}{5} = 2.6$$

$$x = 5.5 \cdot 2.6 = 14.3 \text{ cm}$$

1. PRECIO INICIAL = 10.95 €
DESCUENTO = 40% (PAGO 60%)

PRECIO FINAL = X

$$\text{PORCENTAJE} = \frac{\text{PARTE}}{\text{TOTAL}} \cdot 100$$

$$60 = \frac{X}{10.95} \cdot 100$$

$$\frac{60 \cdot 10.95}{100} = X \quad X = 6.57 €$$

$$\begin{array}{l} 2) \text{ PRECIO INICIAL} = 49.95 \text{ €} \\ \text{PRECIO FINAL} = 37.46 \text{ €} \end{array}$$

$$\text{DESCUENTO} = 12.49 \text{ €}$$

$$\text{PORCENTAJE} = \frac{\text{PARTE}}{\text{TOTAL}} \cdot 100$$

$$X = \frac{12.49}{49.95} \cdot 100 = 25\%$$