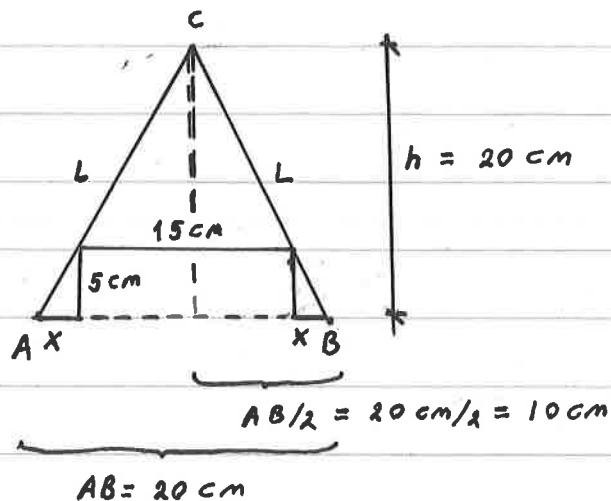


11.



$$\textcircled{1} \quad F_{\text{pr}h} = \frac{g \cdot h}{2} = \frac{20 \cdot 20}{2} = \frac{400}{2} = \underline{200 \text{ cm}^2}$$

$$\textcircled{2} \quad F_{\text{kassi}} = L \cdot b = 15 \cdot 5 = \underline{75 \text{ cm}^2}$$

$$\textcircled{3} \quad F = F_{\text{pr}h} - F_{\text{kassi}} = 200 - 75 = \underline{125 \text{ cm}^2}$$

$\textcircled{4}$ Finnum hliðarlengdina L með Pýþagóras:

$$L^2 = 10^2 + 20^2 = 100 + 400 = 500$$

$$L = \sqrt{500} = \underline{22,36 \text{ cm}}$$

$\textcircled{5}$ Finnum x :

$$x + 15 + x = 20$$

$$2x + 15 = 20$$

$$2x = 20 - 15 = 5$$

$$x = 5/2 = \underline{2,5 \text{ cm}}$$

$$\textcircled{6} \quad \text{Ummál} = 2 \cdot L + 15 + 2 \cdot 5 + 2 \cdot x$$

$$= 2 \cdot 22,36 + 15 + 10 + 2 \cdot 2,5$$

$$= 44,72 + 15 + 10 + 5,0 = \underline{74,72 \text{ cm}} \approx \underline{74,7 \text{ cm}}$$

