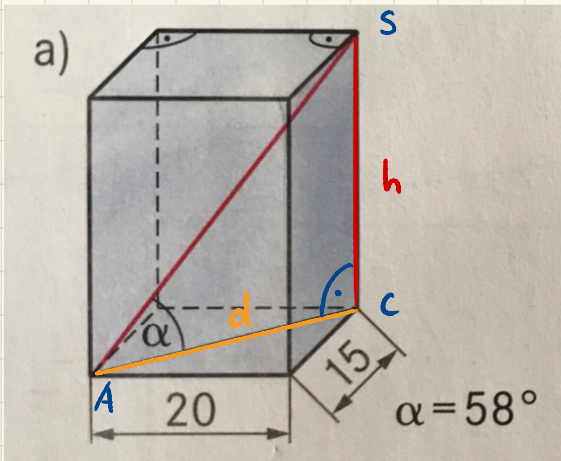




$$d = \sqrt{20^2 + 15^2} \text{ cm} = 25 \text{ cm}$$

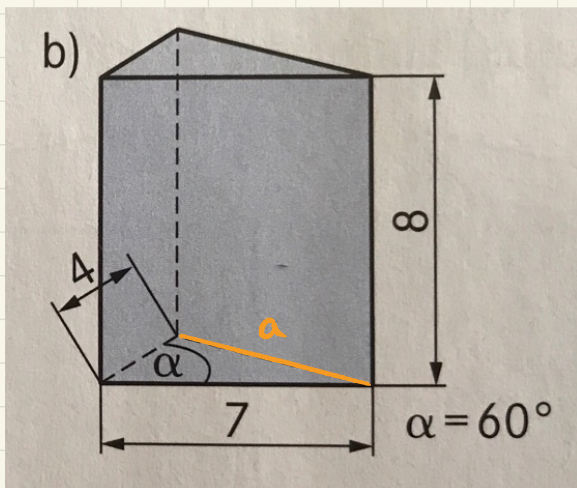
$\triangle ACS$ ist bei C rechtwinklig

$$\tan 58^\circ = \frac{h}{25 \text{ cm}}$$

$$h = 25 \text{ cm} \cdot \tan 58^\circ = 40,0 \text{ cm}$$

$$V = A_G \cdot h = 20 \cdot 15 \cdot 40 \text{ cm}^3 = \underline{\underline{12000 \text{ cm}^3}} = \underline{\underline{12 \text{ dm}^3}}$$

$$O = 2 \cdot A_G + M = 2 \cdot 20 \cdot 15 \text{ cm}^2 + 2 \cdot (20 + 15) \cdot 40 \text{ cm}^2 = \underline{\underline{3400 \text{ cm}^2}} = \underline{\underline{34 \text{ dm}^2}}$$



$$A_G = \frac{1}{2} \cdot 4 \text{ cm} \cdot 7 \text{ cm} \cdot \sin 60^\circ = 12,12 \text{ cm}^2$$

$$V = A_G \cdot h = 12,12 \text{ cm}^2 \cdot 8 \text{ cm} = \underline{\underline{96,96 \text{ cm}^3}}$$

$$a = \sqrt{4^2 + 7^2 - 2 \cdot 4 \cdot 7 \cdot \cos 60^\circ} \text{ cm} = 6,08 \text{ cm}$$

$$O = 2 \cdot A_G + M = 2 \cdot 12,12 \text{ cm}^2 + (4 + 7 + 6,08) \text{ cm} \cdot 8 \text{ cm} = \underline{\underline{160,88 \text{ cm}^2}}$$