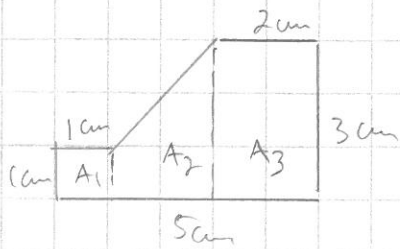


d)



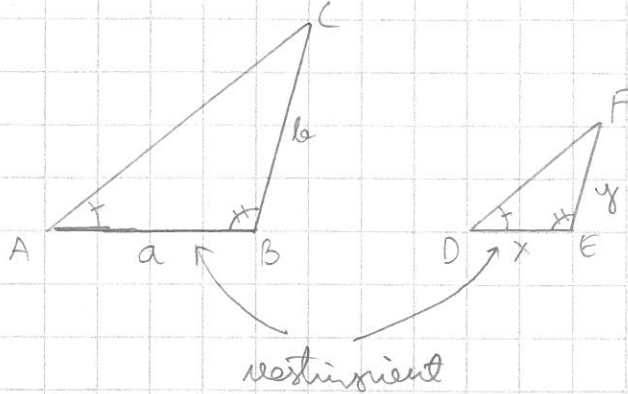
$$A = A_1 + A_2 + A_3$$

$$= (1\text{ cm})^2 + \frac{1\text{ cm} + 5\text{ cm}}{2} \cdot 1\text{ cm} + 2\text{ cm} \cdot 3\text{ cm}$$

$$= 11\text{ cm}^2$$

3. Mittelseace

Kolmioiden yhdenmuotoisuus:



$$1^\circ \sphericalangle A = \sphericalangle D$$

$$2^\circ \sphericalangle B = \sphericalangle E$$

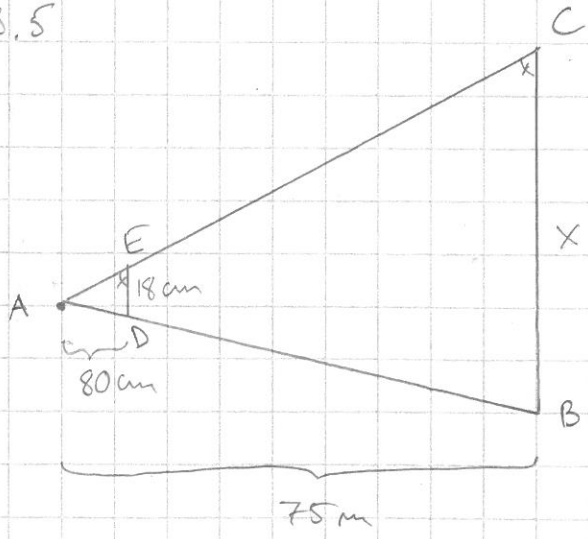
$\Rightarrow \triangle ABC \sim \triangle DEF$ (BB)
 ↑
 yhdenmuotoisuus kulma kulma

Verranto: $\frac{a}{x} = \frac{b}{y}$ | $\cdot \frac{x}{b}$ \Rightarrow $\frac{a}{b} = \frac{x}{y}$

$$\frac{a}{x} = k$$

MITTAKAAVA = VASTONJANOJEN SUHDE

3.5



$\triangle ABC \sim \triangle ADE$ (BB)

$1^\circ \sphericalangle C = \sphericalangle E$ (samanmittaiset kulmat AC || DE)

$2^\circ \sphericalangle A$ yhteinen

$$\frac{x}{18\text{ cm}} = \frac{75\text{ m}}{80\text{ cm}} \quad | \cdot 18\text{ cm}$$

$$\Rightarrow x = \frac{75\text{ m}}{80\text{ cm}} \cdot 18\text{ cm} = 16,875\text{ m}$$

$$\approx \underline{\underline{17\text{ m}}}$$

$$\uparrow \text{TAI: } \frac{x}{75\text{ m}} = \frac{18\text{ cm}}{80\text{ cm}}$$

