

N°5

$$\sqrt{255} = 25 \quad 15,97$$

$$\sqrt{3^2 \cdot 5^2} = \sqrt{3 \cdot 5^2} \quad \sqrt{3^2} \cdot \sqrt{5^2} = 3 \cdot 5 = 15$$

$$\sqrt{(4+6)^6 : 2^6} = 5^4$$

$$\sqrt{10^6 : 2^6} = \sqrt{10^6} : \sqrt{2^6} = 10^3 : 2^3 = 5^3$$

$$\sqrt{\frac{144 \cdot 6^2}{8^4 \cdot 3^2}} = \frac{\sqrt{144 \cdot 6^2}}{\sqrt{8^4 \cdot 3^2}} = \frac{\sqrt{144} \cdot \sqrt{6^2}}{\sqrt{8^4} \cdot \sqrt{3^2}} = \frac{12 \cdot 6}{8^2 \cdot 3} = \frac{12 \cdot 6}{64 \cdot 3} = \frac{3}{8}$$

N 10 (5)

$$\left(\frac{2}{5} \cdot \frac{2}{3} + \frac{1}{3}\right) : \kappa = \kappa : \left(4 - \frac{8}{5}\right) ;$$

$$\left(\frac{4}{15} + \frac{1}{3}\right) : \kappa = \kappa : \frac{12}{5} ;$$

$$\frac{9}{15} : \kappa = \kappa : \frac{12}{5} ;$$

$$\kappa = \sqrt{\frac{9}{\cancel{15}} \cdot \frac{12^4}{5}} = \sqrt{\frac{36}{25}} = \frac{6}{5}$$

$$6:4=18:12$$

COMPORRE

$$(6+4):6=(18+12):18$$

$$(6+4):4=(18+12):12$$

SCOMPORRE

$$(6-4):6=(18-12):18$$

$$(6-4):4=(18-12):12$$

N 12

$$\overline{AB} = 1^{\circ} \text{segm}$$

$$\overline{CD} = 2^{\circ} \text{segm}$$

$$\overline{AB} - \overline{CD} = 70 \text{ cm}$$

$$\overline{AB} = \frac{7}{2} \overline{CD}$$

$$\overline{AB} : \overline{CD} = 7 : 2$$

Applico scomporre

$$(\overline{AB} - \overline{CD}) : \overline{AB} = (7 - 2) : 7$$

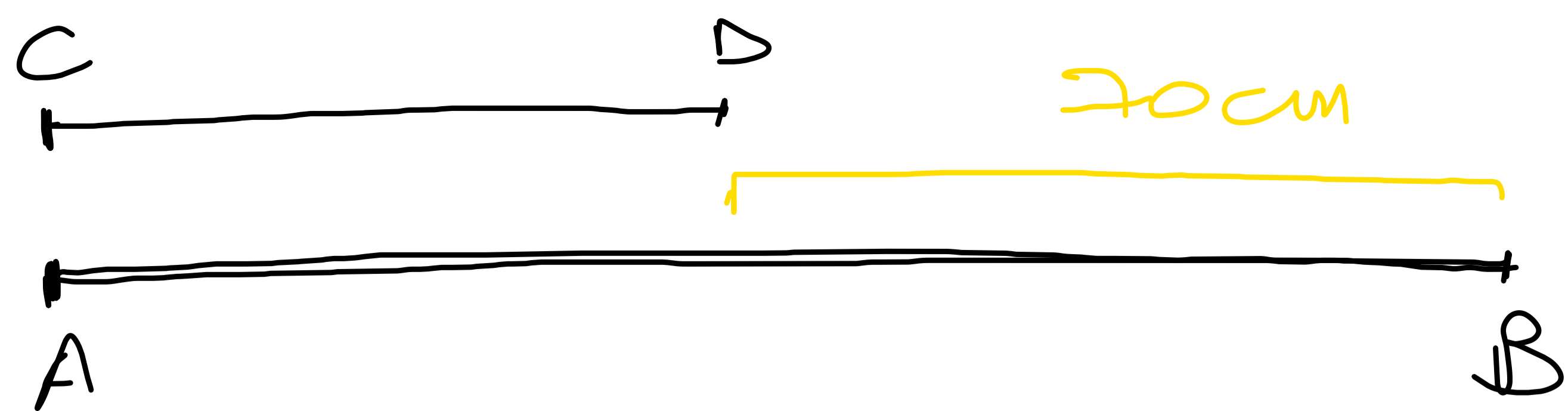
$$70 : \overline{AB} = 5 : 7$$

$$\overline{AB} = \frac{70 \cdot 7}{5} = 98$$

$$\overline{AB} = 98 \text{ cm}$$

$$\overline{CD} = \overline{AB} - 70 = 98 - 70 = 28$$

$$\overline{CD} = 28 \text{ cm}$$



$\overline{AB}, \overline{CD} \quad ??$