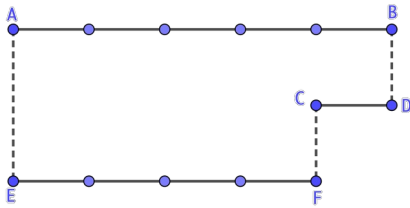


**GEOMETRIA**



**Problema n. 128 di pag. 114**

**DATI**

$$\overline{AB} = 5 \overline{CD}$$

$$\overline{EF} = \overline{AB} - \overline{CD} = 15,8 \text{ cm}$$

**INCOGNITE**

$$\overline{AB} = ?$$

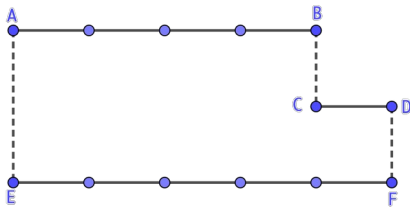
$$\overline{CD} = ?$$

**SVOLGIMENTO**

$$\overline{CD} = \overline{EF} : (5 - 1) = 15,8 \text{ cm} : 4 = 3,95 \text{ cm.} \quad \overline{AB} = 5 \overline{CD} = 5 \times 3,95 \text{ cm} = 19,75 \text{ cm.}$$

**PROVA**  $\overline{AB} - \overline{CD} = 19,75 \text{ cm} - 3,95 \text{ cm} = 15,8 \text{ cm.}$

**RISPOSTE**  $\overline{AB} = 19,75 \text{ cm.}$   $\overline{CD} = 3,95 \text{ cm.}$



**Problema n. 133 di pag. 114**

**DATI**

$$\overline{AB} = 4 \overline{CD}$$

$$\overline{EF} = \overline{AB} + \overline{CD} = 55 \text{ cm}$$

**INCOGNITE**

$$\overline{AB} = ?$$

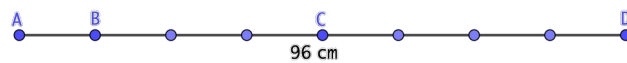
$$\overline{CD} = ?$$

**SVOLGIMENTO**

$$\overline{CD} = \overline{EF} : (4+1) = 55 \text{ cm} : 5 = 11 \text{ cm.} \quad \overline{AB} = 4 \overline{CD} = 4 \times 11 \text{ cm} = 44 \text{ cm.}$$

**PROVA**  $\overline{AB} + \overline{CD} = 44 \text{ cm} + 11 \text{ cm} = 55 \text{ cm.}$

**RISPOSTE**  $\overline{AB} = 44 \text{ cm.}$   $\overline{CD} = 11 \text{ cm.}$



**Problema n. 137 di pag. 115**

**DATI**

$$\overline{AD} = \overline{AB} + \overline{BC} + \overline{CD} = 96 \text{ cm}$$

$$\overline{BC} = 3 \overline{AB}$$

$$\overline{CD} = 4 \overline{AB}$$

**INCOGNITE**

$$\overline{AB} = ?$$

$$\overline{BC} = ?$$

$$\overline{CD} = ?$$

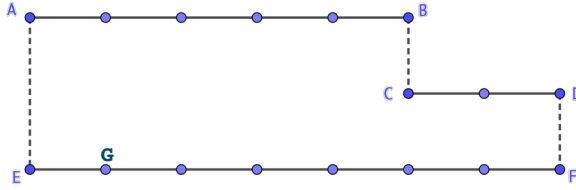
**SVOLGIMENTO**

$$\overline{AB} = \overline{AD} : (1+3+4) = 96 \text{ cm} : 8 = 12 \text{ cm.} \quad \overline{BC} = 3 \overline{AB} = 3 \times 12 \text{ cm} = 36 \text{ cm.}$$

$$\overline{CD} = 4 \overline{AB} = 4 \times 12 \text{ cm} = 48 \text{ cm.}$$

**PROVA**  $\overline{AB} + \overline{BC} + \overline{CD} = 12 \text{ cm} + 36 \text{ cm} + 48 \text{ cm} = 96 \text{ cm.}$

**RISPOSTE**  $\overline{AB} = 12 \text{ cm.}$   $\overline{BC} = 36 \text{ cm.}$   $\overline{CD} = 48 \text{ cm.}$



**Problema n. 150 di pag. 117**

**DATI**

$$\overline{CD} = \frac{2}{5} \overline{AB}$$

$$\overline{EF} = \overline{AB} + \overline{CD} = 28 \text{ cm}$$

**INCOGNITE**

$$\overline{AB} = ?$$

$$\overline{CD} = ?$$

**SVOLGIMENTO**

$$\overline{EG} = \overline{EF} : (5+2) = 28 \text{ cm} : 7 = 4 \text{ cm.}$$

$$\overline{CD} = 2 \overline{EG} = 2 \times 4 \text{ cm} = 8 \text{ cm.}$$

$$\overline{AB} = 5 \overline{EG} = 5 \times 4 \text{ cm} = 20 \text{ cm.}$$

**PROVA**  $\overline{AB} + \overline{CD} = 20 \text{ cm} + 8 \text{ cm} = 28 \text{ cm.}$

**RISPOSTE**  $\overline{AB} = 20 \text{ cm.}$   $\overline{CD} = 8 \text{ cm.}$