

Somma e Differenza

$$\frac{S+D}{2} \Rightarrow \frac{S-D}{2} = <$$



Dati

$$\overline{AB} + \overline{AC} = 7 \text{ cm}$$

$$\overline{AB} - \overline{AC} = 1 \text{ cm}$$

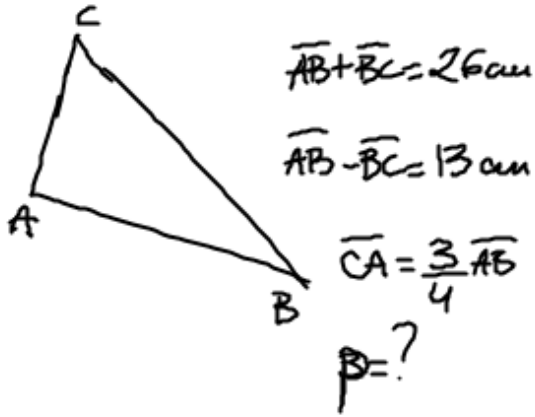
$$\overline{BC} = 5 \text{ cm}$$

$$P = ?$$

$$\overline{AB} = \frac{S-D}{2} = \frac{7-1}{2} = \frac{6}{2} = 3 \text{ cm};$$

$$\overline{AC} = \frac{S+D}{2} = \frac{7+1}{2} = \frac{8}{2} = 4 \text{ cm};$$

$$P = \overline{AB} + \overline{BC} + \overline{CA} = 3 + 4 + 5 = 12 \text{ cm};$$



$$\overline{AB} = \frac{S-D}{2} = \frac{26-13}{2} = \frac{13}{2} = 6,5 \text{ cm};$$

$$\overline{BC} = \frac{S+D}{2} = \frac{26+13}{2} = \frac{39}{2} = 19,5 \text{ cm};$$

$$\overline{CA} = \frac{3}{4} \overline{AB} = \overline{AB} : 4 \cdot 3 = 6,5 : 4 \cdot 3 = 4,88 \text{ cm};$$

$$P = \overline{AB} + \overline{BC} + \overline{CA} = 4,88 + 6,5 + 19,5 = 30,88 \text{ cm};$$