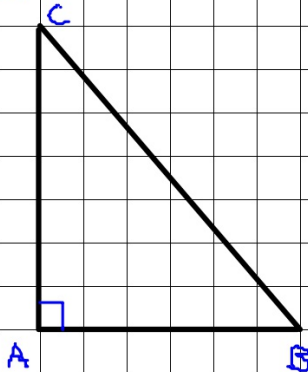


In un triangolo rettangolo la differenza di ampiezza tra i due angoli acuti è di  $12^\circ$ . Quanto misurano gli angoli del triangolo ?



$$\hat{A} = 90^\circ$$

$$\hat{B} - \hat{C} = 12^\circ$$

$$\hat{B} = ? \quad \hat{C} = ?$$



$$\hat{B} + \hat{C} = 180^\circ - 90^\circ = 90^\circ$$

$$2\hat{C} = 90^\circ - 12^\circ = 78^\circ$$

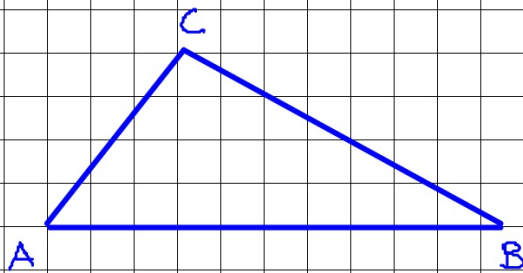
$$\hat{C} = 78^\circ : 2 = 39^\circ$$

$$\hat{B} = 39^\circ + 12^\circ = 51^\circ$$

$$2\hat{B} = 90^\circ + 12^\circ = 102^\circ$$

$$\hat{B} = 102^\circ : 2 = 51^\circ$$

$$\hat{C} = 51^\circ - 12^\circ = 39^\circ$$



$$\overline{CB} = 12,8 \text{ m}$$

$$\overline{AB} = 14 \text{ m}$$

$$\overline{CA} = 3 \cdot (\overline{AB} - \overline{CB})$$

$$2P_{(\triangle ABC)} = ?$$

$$\overline{CA} = \text{m} [3 \cdot (14 - 12,8)] = \text{m} 3,6$$

$$2P_{(\triangle ABC)} = \text{m} (14 + 12,8 + 3,6) = \text{m} 30,4$$

$$ZP(\triangle) = 170 \text{ cm}$$

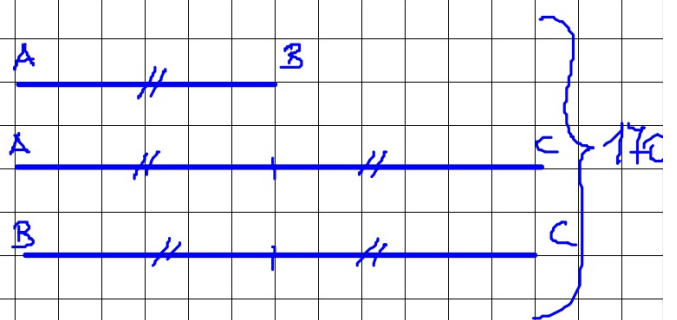
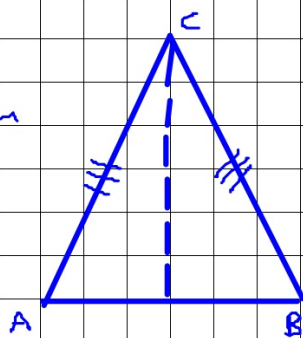
$$\overline{AB} = \overline{BC}$$

$$\overline{AC} = \frac{2}{\overline{BC}}$$

$$\overline{AB} = ?$$

$$\overline{BC} = ?$$

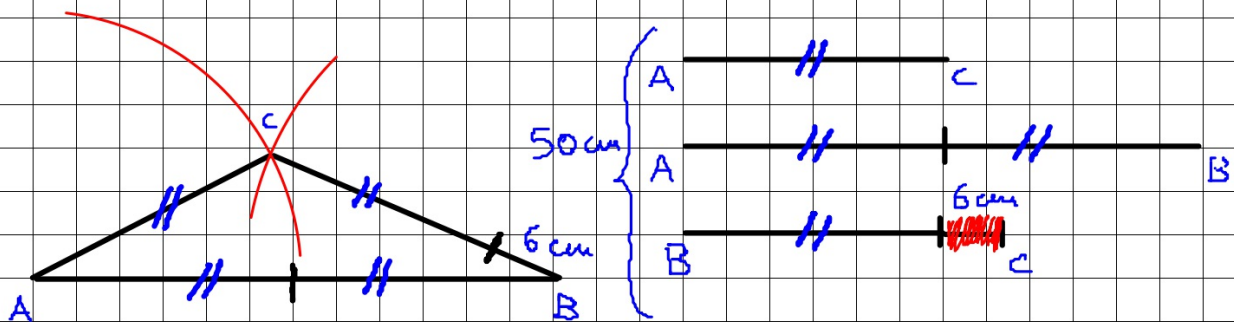
$$\overline{AC} = ?$$



$$\overline{AB} = \text{cm} (170 : 5) = \text{cm } 34$$

$$\overline{AC} = \overline{BC} = \text{cm} (34 \times 2) = \text{cm } 68$$

In un triangolo scaleno il lato maggiore è doppio del minore. Sapendo che il terzo lato supera il minore di 6 cm e che il perimetro del triangolo è di 50 cm, stabilisci la misura dei tre lati.



$$4\overline{AC} = \text{cm}(50 - 6) = \text{cm} 44$$

$$\overline{AC} = \text{cm}(44 : 4) = \text{cm} 11$$

$$\overline{BC} = \text{cm}(11 + 6) = \text{cm} 17$$

$$\overline{AB} = \text{cm}(11 \times 2) = \text{cm} 22$$

$$2P = 50 \text{ cm}$$

$$\overline{AB} = 2\overline{AC}$$

$$\overline{BC} = \overline{AC} + 6 \text{ cm}$$

$$\overline{AB} = ? \quad \overline{AC} = ? \quad \overline{BC} = ?$$