



FORMULE

$$i = \sqrt{c_1^2 + c_2^2}$$

$$c_1 = \sqrt{i^2 - c_2^2}$$

$$c_2 = \sqrt{i^2 - c_1^2}$$

$$P = c_1 + c_2 + i$$

$$A = \frac{c_1 \times c_2}{2}$$

SVOLGIMENTO

$$i = \overline{CB} = \sqrt{c_1^2 + c_2^2} = \sqrt{35^2 + 12^2} =$$

$$\sqrt{1225 + 144} = \sqrt{1369} = 37 \text{ cm}$$

$$P = c_1 + c_2 + i = 35 + 12 + 37 = 84 \text{ cm} \quad \text{INCOGNITE}$$

$$A = \frac{c_1 \times c_2}{2} = \frac{35 \times 12}{2} = 210 \text{ cm}^2 \quad \begin{array}{l} \overline{CB} = ? \\ P = ? \\ A = ? \end{array}$$

PROBLEMI DA SVOLGERE

1)

DATI

$$c_1 = \overline{AC} = 44 \text{ cm}$$

$$c_2 = \overline{AB} = 33 \text{ cm}$$

INCOGNITE

$$i = \overline{CB} = ?$$

$$P = ?$$

$$A = ?$$

2)

DATI

$$i = \overline{CB} = 25 \text{ cm}$$

$$c_2 = \overline{AB} = 7 \text{ cm}$$

INCOGNITE

$$c_1 = \overline{AC} = ?$$

$$P = ?$$

$$A = ?$$