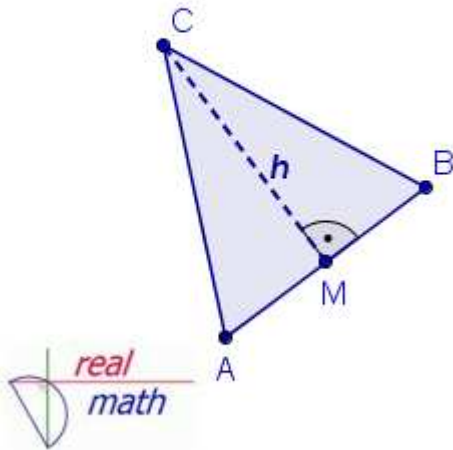


Aufgabenblatt zur Webseite

<http://www.realmath.de/Neues/Klasse9/pythaebung/gleichschenkpyth.html>

Thema: Der Satz des Pythagoras

Es gilt: $\overline{AC} = \overline{BC}$ $\overline{AC} = 2.98\text{cm}$ $\overline{AB} = 2.5\text{cm}$

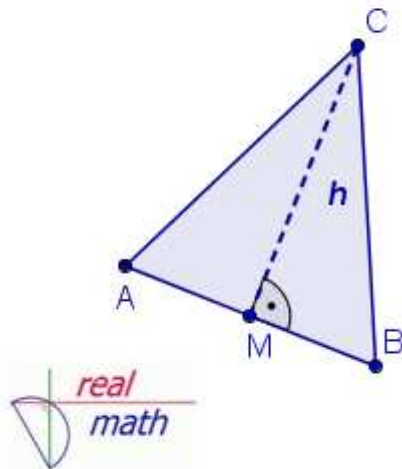


$\overline{CM} = \sqrt{\quad} \text{ cm}$

$\overline{CM} = \quad \text{ cm}$

Thema: Der Satz des Pythagoras

Es gilt: $\overline{AC} = \overline{BC}$ $\overline{AC} = 3.2\text{cm}$ $\overline{CM} = 2.9\text{cm}$



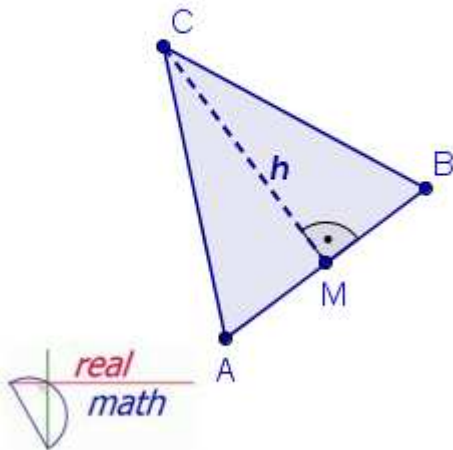
$\overline{AM} = \sqrt{\quad} \text{ cm}$

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

Lösungsblatt

Thema: Der Satz des Pythagoras

Es gilt: $\overline{AC} = \overline{BC}$ $\overline{AC} = 2.98\text{cm}$ $\overline{AB} = 2.5\text{cm}$



$$\overline{CM}^2 = \overline{AC}^2 - \overline{AM}^2$$

$$\overline{CM} = \sqrt{\overline{AC}^2 - \overline{AM}^2}$$

$$\overline{CM} = \sqrt{2.98^2 - 1.25^2} \text{ cm}$$

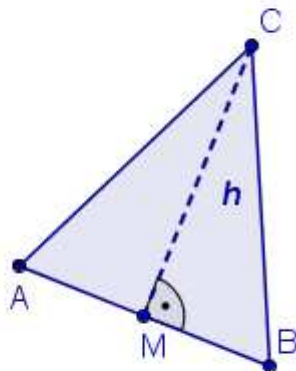
$$\overline{CM} = 2.7\text{cm}$$

$$\overline{CM} = \sqrt{2.98^2 - 1.25^2} \text{ cm}$$

$$\overline{CM} = 2,7 \text{ cm}$$

Thema: Der Satz des Pythagoras

Es gilt: $\overline{AC} = \overline{BC}$ $\overline{AC} = 3.2\text{cm}$ $\overline{CM} = 2.9\text{cm}$



$$\overline{AM}^2 = \overline{AC}^2 - \overline{CM}^2$$

$$\overline{AM} = \sqrt{\overline{AC}^2 - \overline{CM}^2}$$

$$\overline{AM} = \sqrt{3.2^2 - 2.9^2} \text{ cm}$$

$$\overline{AB} = 2.69\text{cm}$$

$$\overline{AM} = \sqrt{3,2^2 - 2,9^2} \text{ cm}$$

$$\overline{AB} = 2,7 \text{ cm}$$