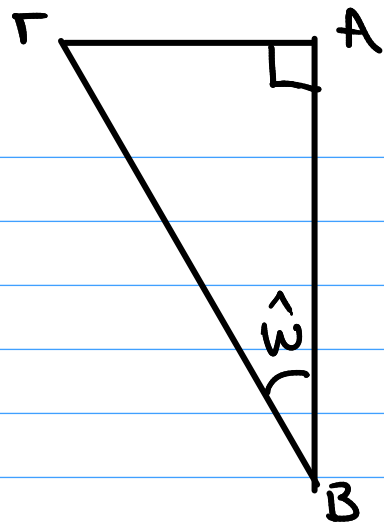


②



$$\frac{3}{7}$$

Αν γνωρίζεις ότι $\epsilon\phi\hat{\omega} = 0,7$ και $AB = 8\text{cm}$ να
βρεις την $B\Gamma$

ΜΕΤ

$$\epsilon\phi\hat{\omega} = \frac{A\Gamma}{AB} \Rightarrow 0,7 = \frac{A\Gamma}{8} \Rightarrow \frac{7}{10} = \frac{A\Gamma}{8}$$

$$\Rightarrow 56 = 10A\Gamma \Rightarrow \frac{56}{10} = \frac{A\Gamma}{1} \Rightarrow A\Gamma = 5,6\text{cm}$$

Τώρα π.θ. στο $\triangle AB\Gamma$

$$B\Gamma^2 = A\Gamma^2 + AB^2$$

$$B\Gamma^2 = 5,6^2 + 8^2 \Rightarrow B\Gamma^2 = 31,3 + 64$$

$$\Rightarrow B\Gamma^2 = 95,3 \Rightarrow B\Gamma \simeq 9,7\text{cm.}$$