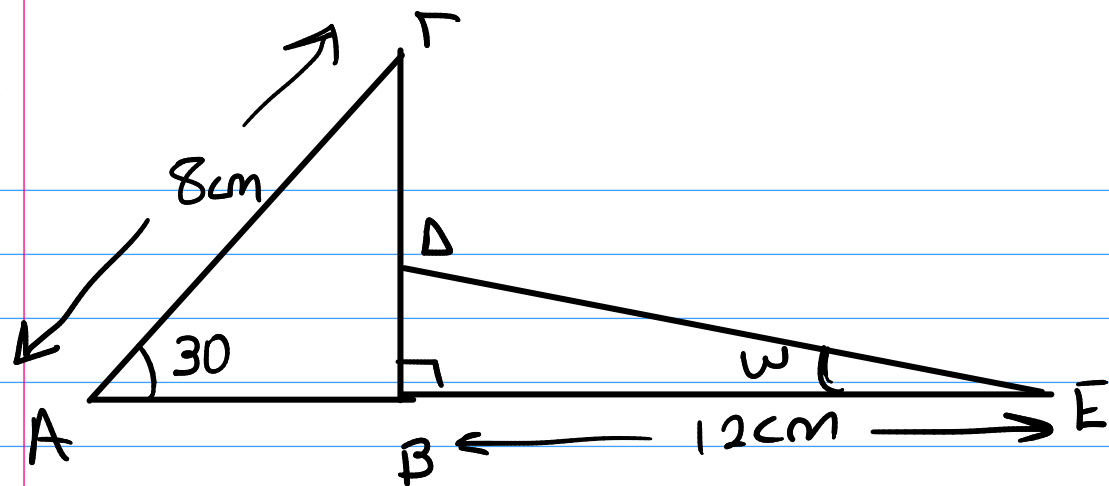


2



Αν $\Gamma\Delta = 3\text{cm}$ και $\sigmaυν\hat{\omega} = 0,9$
 να βρεθεί τὴν ΔE

Λύση Στο $\triangle AB\Gamma$ $\eta\psi 30^\circ = \frac{B\Gamma}{8} \Rightarrow \frac{1}{2} = \frac{B\Gamma}{8} \Rightarrow 8 = 2B\Gamma \Rightarrow B\Gamma = 4\text{cm}$

Αρα $\Delta B = \Gamma B - \Gamma\Delta \Rightarrow \Delta B = 4 - 3 = 1.$

Στο $\triangle B\Delta E$ έχουμε:

$$\sigmaυν\hat{\omega} = \frac{BE}{\Delta E} \Rightarrow 0,9 = \frac{12}{\Delta E} \Rightarrow 0,9\Delta E = 12$$

$$\Rightarrow \frac{9}{10}\Delta E \Rightarrow 12 \Rightarrow 10 \cdot \frac{9}{10}\Delta E = 10 \cdot 12 \Rightarrow 9\Delta E = 120$$

$$\Rightarrow \Delta E = \frac{120}{9}$$

$$\Rightarrow \Delta E = 13,3\text{cm}.$$