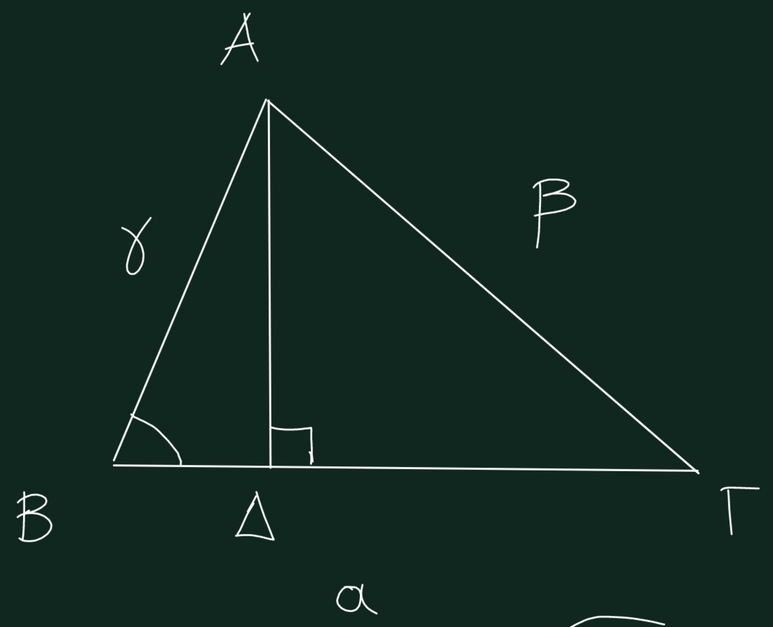
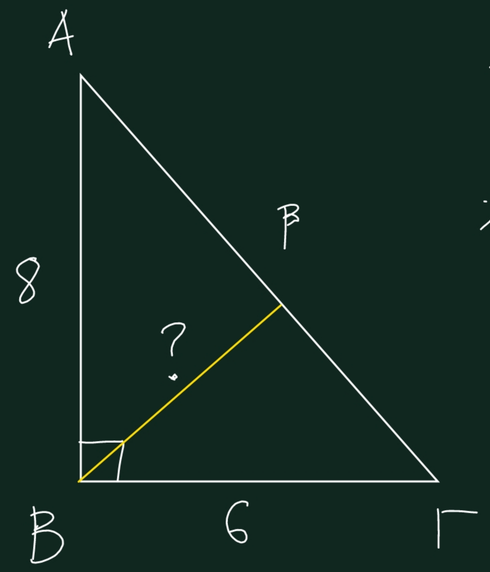


iv) $E = \frac{1}{2}\alpha\beta\eta\mu\hat{\Gamma} = \frac{1}{2}\beta\gamma\eta\mu\hat{A} = \frac{1}{2}\alpha\gamma\eta\mu\hat{B}$

ΑΠΟΔΕΙΞΗ :

$E = \frac{1}{2}\alpha\cdot A\Delta = \frac{1}{2}\alpha\cdot\gamma\eta\mu B$

$\eta\mu B = \frac{A\Delta}{(\gamma)} \Leftrightarrow A\Delta = \gamma\eta\mu B$



i) $E = \frac{B\Gamma \cdot AB}{2} = \frac{6 \cdot 8}{2} = 24$ τ.μ.

ii) $\beta = ;$

$$A\Gamma^2 = B\Gamma^2 + AB^2$$
$$= 36 + 64$$
$$= 100 \quad \text{άρα } A\Gamma = 10 = \beta$$

iii) ύψος που αντιστοιχεί στην υποτείνουσα