

①

Αν ω οζκη και εφω=5 να βρεις τους αθλους
τριγωνομετρικους αριθμους (να δουλετ $\epsilon\phi\omega^2\omega = \frac{1}{1+\epsilon\phi^2\omega}$)

ΛΥΣΗ

$$\epsilon\phi\omega^2\omega = \frac{1}{1+\epsilon\phi^2\omega}$$

αφ

$$\epsilon\phi\omega^2\omega = \frac{1}{1+5^2} \Rightarrow \epsilon\phi\omega^2\omega = \frac{1}{26}$$

70

$$\Rightarrow \epsilon\phi\omega = \pm \sqrt{\frac{1}{26}} \text{ οπws ω οζκη αφ } \epsilon\phi\omega = + \sqrt{\frac{1}{26}}$$

$$\Rightarrow \epsilon\phi\omega = \frac{1}{\sqrt{26}} \Rightarrow \epsilon\phi\omega = \frac{\sqrt{26}}{26}$$

$$\eta\phi^2\omega + \epsilon\phi\omega^2\omega = 1 \Rightarrow \eta\phi^2\omega = 1 - \epsilon\phi\omega^2\omega \Rightarrow \eta\phi^2\omega = 1 - \left(\frac{\sqrt{26}}{26}\right)^2 \Rightarrow$$

$$\eta\phi^2\omega = 1 - \frac{26}{676} \Rightarrow \eta\phi^2\omega = \frac{650}{676} \Rightarrow \eta\phi\omega = \pm \frac{\sqrt{650}}{\sqrt{676}} \text{ κρατω το θετικω γιαs και ω οζκη.}$$