

Β ΛΥΚΕΙΟΥ ΑΛΓΕΒΡΑ

12.6 1)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \Leftrightarrow \frac{\mu=135}{\pi} \frac{\alpha}{180} \Leftrightarrow \frac{\alpha}{\pi} = \frac{3}{4} \Leftrightarrow \alpha = \frac{3}{4}\pi$$

12.6 2)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \Leftrightarrow \frac{\mu=240^\circ}{\pi} \frac{\alpha}{180} \Leftrightarrow \alpha = \frac{240\pi}{180} \Leftrightarrow \alpha = \frac{4\pi}{3}$$

12.6 3)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \Leftrightarrow \frac{\mu=330^\circ}{\pi} \frac{\alpha}{180} \Leftrightarrow \alpha = \frac{330\pi}{180} \Leftrightarrow \alpha = \frac{11\pi}{6}$$

12.6 4)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \Leftrightarrow \frac{\mu=225^\circ}{\pi} \frac{\alpha}{180} \Leftrightarrow \alpha = \frac{225\pi}{180} \Leftrightarrow \alpha = \frac{5\pi}{4}$$

12.6 5)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \Leftrightarrow \frac{\mu=405^\circ}{\pi} \frac{\alpha}{180} \Leftrightarrow \alpha = \frac{405\pi}{180} \Leftrightarrow \alpha = \frac{9\pi}{4}$$

12.6 6)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \Leftrightarrow \frac{\mu=720^\circ}{\pi} \frac{\alpha}{180} \Leftrightarrow \alpha = \frac{720\pi}{180} \Leftrightarrow \alpha = 4\pi$$

12.6 7)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \Leftrightarrow \frac{\mu=1800^\circ}{\pi} \frac{\alpha}{180} \Leftrightarrow \alpha = \frac{1800\pi}{180} \Leftrightarrow \alpha = 10\pi$$