

12.5 1)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \xLeftrightarrow{\alpha = \frac{2\pi}{5} \frac{2\cancel{\pi}}{\cancel{\pi}}} \frac{\mu}{180} \xLeftrightarrow{\cancel{\pi}} \frac{2}{5} = \frac{\mu}{180} \xLeftrightarrow{5\mu = 360} \mu = 72^\circ$$

12.5 2)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \xLeftrightarrow{\alpha = \frac{3\pi}{4} \frac{3\pi}{4}} \frac{\mu}{180} \xLeftrightarrow{\cancel{\pi}} \frac{3}{4} = \frac{\mu}{180} \xLeftrightarrow{\mu = \frac{3 \cdot 180}{4}} \mu = 135^\circ$$

12.5 3)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \xLeftrightarrow{\alpha = \frac{7\pi}{6} \frac{3\pi}{6}} \frac{\mu}{180} \xLeftrightarrow{\cancel{\pi}} \frac{7}{6} = \frac{\mu}{180} \xLeftrightarrow{\mu = \frac{180 \cdot 7}{6}} \mu = 210^\circ$$

12.5 4)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \xLeftrightarrow{\alpha = \frac{7\pi}{12} \frac{7\pi}{12}} \frac{\mu}{180} \xLeftrightarrow{\cancel{\pi}} \frac{7}{12} = \frac{\mu}{180} \xLeftrightarrow{\mu = \frac{7 \cdot 180}{12}} \mu = 105^\circ$$

12.5 5)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \xLeftrightarrow{\alpha = \frac{11\pi}{3} \frac{11\pi}{3}} \frac{\mu}{180} \xLeftrightarrow{\cancel{\pi}} \frac{11}{3} = \frac{\mu}{180} \xLeftrightarrow{\mu = \frac{180 \cdot 11}{3}} \mu = 660^\circ$$

12.5 6)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \xLeftrightarrow{\alpha = \frac{3\pi}{10} \frac{3\pi}{10}} \frac{\mu}{180} \xLeftrightarrow{\cancel{\pi}} \frac{3}{10} = \frac{\mu}{180} \xLeftrightarrow{\mu = \frac{180 \cdot 3}{10}} \mu = 54^\circ$$

12.5 7)

$$\text{Έχουμε } \frac{\alpha}{\pi} = \frac{\mu}{180} \xLeftrightarrow{\alpha = \frac{-31\pi}{4} \frac{-31\pi}{4}} \frac{\mu}{180} \xLeftrightarrow{\cancel{\pi}} -\frac{31}{4} = \frac{\mu}{180} \xLeftrightarrow{\mu = \frac{31 \cdot 180}{4}} \mu = -1395^\circ$$