

Εξισώσεις Β' Βαθμού

$$x^2 + 6x + 9 = 0$$

$$\alpha =$$

$$\beta =$$

$$\gamma =$$

$$\Delta = \beta^2 - 4 \alpha \gamma = \quad^2 - 4 \cdot \quad \cdot \quad = \quad - \quad =$$

$$x = \frac{-\beta \pm \sqrt{\Delta}}{2\alpha} = \frac{\pm \sqrt{\quad}}{2 \cdot \quad} = \frac{-}{2} = -3$$

$$\text{άρα } x =$$

$$x^2 - 9x + 18 = 0$$

$$\alpha =$$

$$\beta =$$

$$\gamma =$$

$$\Delta = \beta^2 - 4 \alpha \gamma = (\quad)^2 - 4 \cdot \quad \cdot \quad = \quad - \quad =$$

$$x = \frac{-\beta \pm \sqrt{\Delta}}{2\alpha} = \frac{\pm \sqrt{\quad}}{2 \cdot \quad} = \frac{\pm}{2} =$$

$$\frac{+}{2} \quad \text{ή} \quad \frac{-}{2} = \frac{\quad}{2} \quad \text{ή} \quad \frac{\quad}{2} = \quad \quad \text{ή}$$

$$\text{Άρα } x_1 = \quad , x_2 =$$

$$x^2 - x - 2 = 0$$

$$\alpha =$$

$$\beta =$$

$$\gamma =$$

$$\Delta = \beta^2 - 4 \alpha \gamma = \quad^2 - 4 \cdot \quad \cdot \quad = \quad + \quad =$$

$$x = \frac{-\beta \pm \sqrt{\Delta}}{2\alpha} = \frac{\pm \sqrt{\quad}}{2 \cdot \quad} = \frac{\pm}{2} =$$

$$\frac{+}{2} \quad \text{ή} \quad \frac{-}{2} = - \quad \text{ή} \quad - = \quad \text{ή}$$

Άρα $x_1 =$, $x_2 =$