

Solutions – Quadratic Formula (A)

Solve $2x^2 + 12x + 8 = 0$. Give your answers correct to 2 decimal places.

$$x = -0.76, x = -5.24$$

Solve $5x^2 - 8 = 0$. Give your answers correct to 2 decimal places.

$$x = 1.26, x = -1.26$$

Solve $7x^2 + 2x - 15 = 0$. Give your answers correct to 2 decimal places.

$$x = 1.33, x = -1.61$$

Solve $4x^2 + 12x = 0$.

$$x = 0, x = -3$$

Solutions – Quadratic Formula (B)

Solve $7x^2 - 5x - 10 = 0$. Give your answers correct to 2 decimal places.

$$x = 1.60, x = -0.89$$

Solve $4x^2 - 15 = 0$. Give your answers correct to 2 decimal places.

$$x = 1.94, x = -1.94$$

Solve $6x^2 - 14x + 3 = 0$. Give your answers correct to 2 decimal places.

$$x = 2.09, x = 0.24$$

Solve $4x^2 + x = 0$. Give your answers correct to 2 decimal places.

$$x = 0.00, x = -0.25$$

Solutions – Quadratic Formula (C)

Solve $7x^2 - 10x - 14 = 0$. Give your answers correct to 2 decimal places.

$$x = 2.30, x = -0.87$$

Solve $x^2 + x = 0$.

$$x = 0, x = -1$$

Solve $3x^2 - 4 = 0$. Give your answers correct to 2 decimal places.

$$x = 1.15, x = -1.15$$

Solve $6x^2 + 9x + 1 = 0$. Give your answers correct to 2 decimal places.

$$x = -0.12, x = -1.38$$

Solutions – Quadratic Formula (D)

Solve $7x^2 + 11x - 3 = 0$. Give your answers correct to 2 decimal places.

$$x = 0.24, x = -1.81$$

Solve $4x^2 - 7 = 0$. Give your answers correct to 2 decimal places.

$$x = 1.32, x = -1.32$$

Solve $3x^2 + 7x = 0$. Give your answers correct to 2 decimal places.

$$x = 0.00, x = -2.33$$

Solve $6x^2 - 13x - 3 = 0$. Give your answers correct to 2 decimal places.

$$x = 2.38, x = -0.21$$

Solutions – Quadratic Formula (E)

Solve $8x^2 + 4x - 13 = 0$. Give your answers correct to 2 decimal places.

$$x = 1.05, x = -1.55$$

Solve $3x^2 - 12x - 5 = 0$. Give your answers correct to 2 decimal places.

$$x = 4.38, x = -0.38$$

Solve $x^2 - 4x = 0$.

$$x = 4, x = 0$$

Solve $x^2 - 11 = 0$. Give your answers correct to 2 decimal places.

$$x = 3.32, x = -3.32$$

Solutions – Quadratic Formula (F)

Solve $5x^2 + 10x - 4 = 0$. Give your answers correct to 2 decimal places.

$$x = 0.34, x = -2.34$$

Solve $2x^2 - 8 = 0$.

$$x = 2, x = -2$$

Solve $x^2 + 12x = 0$.

$$x = 0, x = -12$$

Solve $7x^2 + 13x - 4 = 0$. Give your answers correct to 2 decimal places.

$$x = 0.27, x = -2.13$$

Solutions – Quadratic Formula (G)

Solve $2x^2 - 2 = 0$.

$$x = 1, x = -1$$

Solve $x^2 - 5x + 4 = 0$.

$$x = 4, x = 1$$

Solve $5x^2 + 5x = 0$.

$$x = 0, x = -1$$

Solve $5x^2 - 14x - 14 = 0$. Give your answers correct to 2 decimal places.

$$x = 3.58, x = -0.78$$

Solutions – Quadratic Formula (H)

Solve $5x^2 - 11x = 0$. Give your answers correct to 2 decimal places.

$$x = 2.20, x = 0.00$$

Solve $2x^2 - 2x - 9 = 0$. Give your answers correct to 2 decimal places.

$$x = 2.68, x = -1.68$$

Solve $5x^2 - 9 = 0$. Give your answers correct to 2 decimal places.

$$x = 1.34, x = -1.34$$

Solve $5x^2 - 14x - 3 = 0$. Give your answers correct to 2 decimal places.

$$x = 3.00, x = -0.20$$

Solutions – Quadratic Formula (I)

Solve $3x^2 + 12x - 6 = 0$. Give your answers correct to 2 decimal places.

$$x = 0.45, x = -4.45$$

Solve $3x^2 - 13 = 0$. Give your answers correct to 2 decimal places.

$$x = 2.08, x = -2.08$$

Solve $6x^2 + 3x - 3 = 0$. Give your answers correct to 2 decimal places.

$$x = 0.50, x = -1.00$$

Solve $7x^2 - 12x = 0$. Give your answers correct to 2 decimal places.

$$x = 1.71, x = 0.00$$

Solutions – Quadratic Formula (J)

Solve $x^2 - 10x - 13 = 0$. Give your answers correct to 2 decimal places.

$$x = 11.16, x = -1.16$$

Solve $x^2 - 9x = 0$.

$$x = 9, x = 0$$

Solve $2x^2 - 15x - 11 = 0$. Give your answers correct to 2 decimal places.

$$x = 8.17, x = -0.67$$

Solve $8x^2 - 12 = 0$. Give your answers correct to 2 decimal places.

$$x = 1.22, x = -1.22$$