



The Quadratic Formula



REVISE THIS
TOPIC



CHECK YOUR
ANSWERS

1

Solve $3x^2 + 6x + 2 = 0$

Give your answers correct to 2 decimal places.

[3 marks]

Answer _____

2

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

Give your answers correct to 3 significant figures.

[3 marks]

Answer _____





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

Answer _____

- 4 Solve $6x^2 - 3x - 4 = 0$ [3 marks]
Give your answers correct to 3 significant figures.

Answer _____

- 5 Solve $3x^2 - 6x - 1 = 0$ [3 marks]
Give your answers correct to 3 significant figures.

Answer _____





- 6 Solve $2x + 4 - 3x^2 = 0$ [3 marks]
Give your answers correct to 3 decimal places.

Answer _____

- 7 Solve $4x^2 + 5x - 2 = 6x$ [4 marks]
Give your answers correct to 3 decimal places.

Answer _____

- 8 Solve $5x^2 - 5x + 5 = 11 - 10x$ [4 marks]
Give your answers correct to 2 decimal places.

Answer _____



9

Solve $x^2 + 10x + 15 = 0$

Give your answers in the form $a \pm \sqrt{b}$ where a and b are integers.**[4 marks]**

Answer _____

10

Solve $x^2 + 6x + 1 = 0$

Give your answers in the form $a \pm b\sqrt{2}$ where a and b are integers.**[4 marks]**

Answer _____

11

Solve $x^2 - 14x + 4 = 0$

Give your answers in the form $a \pm b\sqrt{5}$ where a and b are integers.**[4 marks]**

Answer _____

12

