

12.4 Homework

Quadratic equations are equations of the form

$$a x^2 + b x + c = 0$$

They can be solved using the formula;

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Question 1

Solve the quadratic equation

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

Check : One of the two answers should be 0.63

Question 2

Solve the quadratic equation

$$4x^2 - 7x - 3 = 0$$

Check : One of the two answers should be -0.36

Question 3

Solve the quadratic equation

$$7x^2 - 2x - 4 = 0$$