

Solving Quadratic Equations (B) by Factorising



Section A Find the solutions to the following equations.

1) $(x + 2)(x + 3) = 0$ _____

4) $(4x + 8)(2x - 8) = 0$ _____

2) $(4x + 3)(x - 3) = 0$ _____

5) $(5x - 15)(4x - 2) = 0$ _____

3) $(2x - 5)(3x + 2) =$ _____

6) $(9x - 12)(5x + 20) = 0$ _____

Section B Solve the following equations by factorising.

1) $x^2 + 8x + 15 = 0$ _____

6) $x^2 + 11x - 26 = 0$ _____

2) $x^2 - 7x + 12 = 0$ _____

7) $x^2 - 5x - 24 = 0$ _____

3) $x^2 + 2x - 15 = 0$ _____

8) $14 + x^2 + 9x = 0$ _____

4) $x^2 - 11x + 28 = 0$ _____

9) $7 + x^2 - 8x = -25$ _____

5) $x^2 - x - 30 = 0$ _____

10) $x^2 = 17x - 72$ _____

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web start unit test in analytic geometry also known as coordinate geometry we think about geometric objects on the coordinate plane for example we can see that opposite sides of a parallelogram are parallel by writing a linear equation for each side and seeing that the slopes are the same

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web solution of exercise 6 two radii plural for radius oa and ob form an angle of 60° for two concentric circles with 8 and 5 cm radii calculate the area of the circular trapezoid formed by the radii and concentric circles solution of exercise 7 a circular fountain of 5 m radius lies alone in the centre of a circular park of 700 m radius