

(C2-2.4) Name:

Homework Questions 4 – Solving Equations by Completing the Square

Solve the following quadratic equations by completing the square

1. $x^2 + 4x - 7 = 0$

2. $x^2 + 12x + 9 = 0$

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

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

5. $x^2 - x - 3 = 0$

6. $x^2 - 15x + 8 = 0$

7. $x^2 - 17x - 18 = 0$

8. $2x^2 + 4x - 3 = 0$

9. $5x^2 - 8x + 2 = 0$

10. $10x^2 + 3x - 2 = 0$