Completing the Square: Worksheet

Complete the Square, using the given figures (which are not drawn to scale).

1. \( x^2 - 2x - 6 = 0 \)

2. \( x^2 - 2x - 3 = 0 \)

3. \( x^2 + 7x + 10 = 0 \)

4. \( x^2 + 2x - 3 = 0 \)

5. \( x^2 + 4x - 5 = 0 \)

6. \( x^2 + 6x - 7 = 0 \)
7. \(x^2 + 2x - 5 = 0\)

8. \(x^2 + 6x + 7 = 0\)

9. \(4x^2 + 4x - 3 = 0\)

10. \(x^2 + 5x + 6 = 0\)

11. \(x^2 - 4x - 4 = 0\)

12. \(x^2 - 2x - 4 = 0\)