

Complete the square to form a perfect square trinomial and then **factor** the trinomial.

1. $x^2 - 6x$

2. $x^2 - 5x$

Solve each equation by completing the square.

3. $x^2 + 6x + 8 = 0$

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

5. $x^2 + 14x - 38 = 0$

6. $x^2 + 6x - 59 = 0$

Solve each equation by completing the square.

7. $2x^2 - 8x - 18 = 0$

8. $8x^2 + 4x - 17 = 0$

9. $3x^2 - 8x + 4 = 0$

10. $2x^2 - 5x - 7 = 0$