

Factor using any method.

1. $x^2 + 18x + 81$

2. $x^2 - 81$

Complete the square to form a perfect square trinomial.

3. $x^2 + 26x$

4. $x^2 - 24x$

5. $x^2 - 6x$

Solve each equation by completing the square.

6. $x^2 + 8x = 33$

7. $x^2 - 6x = 8$

8. $x^2 + 6x = 9$

9. $x^2 + 12x = 5$

10. $x^2 - 14x = 95$

11. $x^2 - 24x = -95$