

Factoring All Types

Factor each of the following:

1. $4x^2 - 25$

2. $2z^3 - 5x - 3$

3. $x^2 + 11x + 30$

4. $4x^2 - 5x - 6$

5. $y^2 + 10y + 25$

6. $x^2 - 2x - 35$

7. $4x^3 - 8x^2 + 4x$

8. $x^3 - 81x$

9. $3y^2 - 5y - 8$

10. $x^2 - 6x + 8$

11. $6k^2 - k - 2$

12. $4x^2 + 9$