

Factoring Practice

Factor each polynomial completely.

1. $3x^2 + 18x + 27$

2. $b^2 + 3b - 28$

3. $5x^2 + 7x - 6$

4. $x^3 - 25x$

5. $4c^2 - 36$

6. $y^2 - 8y - 20$

7. $a^2 + 7a - 6$

8. $n^4 - 16$

9. $9r^2 - 24r + 16$

10. $6a^2 + 5a - 6$

11. $4x^3 - 16x^2 - 48x$

12. $4z^2 + 6z + 9$

13. $8s^4 - 8s^3 + 2s^2$

14. $6y^3 + 14y^2 + 4y$

15. $27 - y^3$