

Factor Completely

1. $3x^2 - 75$

5. $27a^3b^3 + 8$

2. $x^2 - 3x - 28$

6. $30a^2b^3 + 55a^2b^2 - 35a^2b$

3. $3y - 21 + xy - 7x$

7. $9x^2 - 60x + 100$

4. $7(x - y) + y(x - y)$

8. $25x^2 - 64y^2$