

Simplifying Quadratic Expressions (J)

Simplify each expression by combining like terms.

1. $4r^2 + 8 + 9r + 5r^2 - 3r + 2r^2 + 4$

2. $7 + 9n^2 + 4n + n + 8n - 1 + 1$

3. $8p + 3p^2 - 9p^2 - 4p^2 + 5p^2 - 5p^2 - 7$

4. $-9m^2 - 8m^2 + 5 + 9m^2 - 2 - 8m - 8$

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

6. $-6 - 4z^2 + 8z^2 - 8 - 9 - 8 + 5$

7. $-9r^2 + 2r^2 + r^2 - 7r^2 - r^2 + 5 - 5$

8. $6n^2 + 8n^2 + 8n^2 + 7 - 5 - 3n - 2n^2$

9. $2p + 2 + 3p - 9p^2 + 5p^2 + 2 + 7$

10. $-7n^2 - 7n^2 + 4n - 9n^2 - 9n + 6n - 9n^2$