

Simplifying Quadratic Expressions (B)

Simplify each expression by combining like terms.

1. $-5b^2 - 4b^2 - 7b + 3 - 6 - 6b - 7b$

2. $6 + 9s^2 + 8 + 6s - 4s^2 - 8s + s^2$

3. $4n^2 - 9 + 2n + 6n^2 + 8n^2 + n^2 + 7n^2$

4. $4j - 5 - 1 - 6 + 8 + 3j^2 + 5j^2$

5. $-7r + 9r^2 + 1 + 5r + 1 - 3r + 3r$

6. $2 + 2y^2 + 9 + 9y^2 + 9y - 2y - 9$

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

8. $-f^2 - 7f + 5 - 5f + 2f^2 - 9f^2 - 9f$

9. $q - 4 - 4q^2 - 8 - 4 - 5q^2 - q^2$

10. $4z^2 - 9z^2 + 3z^2 - 4z + 6z^2 + 5z + 9z^2$