

## Simplifying Quadratic Expressions (C)

Simplify each expression by combining like terms.

1.  $-4y^2 + y + 4y^2 + 3y^2 - 6 + 8y - 9y + 5y$

2.  $-4g^2 - 1 + 4g - g + 7g^2 + 4g + 5 + 4g$

3.  $3 - 5n - 5n^2 + 2n - 2n^2 - 8n - 5n - 4n^2$

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

5.  $-2 - 4z - 9z^2 + 4 + 3z + 3z^2 + 7z^2 + 9z^2$

6.  $-3c^2 + 6 - c - 4c^2 + c^2 - c^2 - 5c^2 - 1$

7.  $5r - 4r^2 + 8 + 3r + 7r^2 + 6r^2 - r^2 - 6r^2$

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

9.  $9j - 7j + 8 + 2j^2 + 3j^2 + 7j^2 - j - 6j^2$

10.  $-2d + 9d + 2d^2 + 5d^2 - 4d^2 - 9d^2 + 8d^2 + 9$