

## Simplifying Quadratic Expressions (G)

Simplify each expression by combining like terms.

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

2.  $-7 - 6j^2 + 9j + 2j^2 - 6j^2 + 3j^2 - 2 + 7j^2 + 5j^2 - 5j^2$

3.  $9 - 8d - 8d - 8 + d + 3d^2 + 5d^2 - 5d^2 + 3d^2 + 5d$

4.  $4m - 5m^2 - 7 + 8m^2 + 8m + 2 + 8m^2 - 3m + 7m - 2m^2$

5.  $-8 + 7p - 8 + 6p^2 - 4p^2 + 5 - p + p - 4p - 6$

6.  $-7h^2 - 8 - 7h^2 + 7h - 2h^2 - h - 4 - 1 + 6h - 6h$

7.  $-7h^2 - 7h + 7h - 8h^2 + 2h + 4h^2 + h^2 - 4 + 2h - 3$

8.  $-6m - 6 + 9m - 7 - 2 - 6m^2 - 7m^2 + m + 8 - 1$

9.  $-1 - 3b^2 - 5b^2 + 6 + 9 - 3b^2 + 9 + 6b - 8 + 7b^2$

10.  $-2x^2 + 3x^2 - 9x + 4x - 4x - 8 + 6x^2 + 4x^2 + 1 + 9x^2$