

# Simplifying Quadratic Expressions (J)

Simplify each expression by combining like terms.

1.  $-9w + 5 - 6w^2 + 6w - 9w^2$

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

3.  $-5w^2 + 9 - 7 + 6w - 4w$

4.  $-8d^2 - 4d^2 - 3d^2 + 3 + 3$

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

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

7.  $2f - 2 + 2f^2 + 7f + f^2$

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

9.  $-3 - 9q^2 + 4 + 9q^2 + 5q^2$

10.  $6c + c^2 + 7c - 4c^2 + 6c$