

# Simplifying Quadratic Expressions (J)

Simplify each expression by combining like terms.

1.  $4h - 8h^2 + 3 - 2h^2 - h^2 + 6 - 6h^2 - 2h^2 + 4h^2 + 7h^2$

2.  $9s - 8 - 7 - 1 + 9s - 9s^2 - 9s - 7s^2 - 2 - 2$

3.  $6f^2 + f - 4f + 9f^2 - f^2 - 7f^2 - 1 + 4 - 6f^2 + 7f$

4.  $2t - 6t^2 - 2t + t^2 - 2 - 6t^2 - 6 + 3t + 6 + 3t$

5.  $-p^2 + 6p^2 + 4p + 6p^2 + 2p^2 + 8p - 9p - 7p^2 + 4p + 5p^2$

6.  $-2j + 6 + j - 6j^2 - 9j^2 - 9 + 5j^2 + 1 + 3j^2 + 5$

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

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

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

10.  $8 - 5 - 3r + 7r + 4 - r^2 + 7 + 3 - 8 + 6r^2$