

# Simplifying Quadratic Expressions (I)

Simplify each expression by combining like terms.

1.  $8 - d - 2d^2 + 7d^2 + 3d^2 + 4d - 2d^2 - 8d^2$

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

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

4.  $9 + 5k + 9k^2 - 6k^2 + 9 - k + 2k + 7$

5.  $-3v + 5 + 4v + 6 + 2v^2 - 4v^2 + 7v + 2$

6.  $-5x + 5x^2 - 2x + 5 + x^2 + 9x^2 + 5 + 2x^2$

7.  $-7t^2 + 3t^2 - 2t^2 + 2 + 2t - 3 - 7t^2 - 4t^2$

8.  $-7y - 7y - 3 + 8y^2 - 9y - 7y - 5y^2 - 7y$

9.  $3j - 9j^2 + 9 + 1 - 7j^2 + j^2 + 1 + 7$

10.  $-v + 2 + 5 - 7v^2 + 3v + 5v + 9v^2 - 8$