

# Simplifying Quadratic Expressions (I)

Simplify each expression by combining like terms.

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

2.  $-8p^2 + 3p^2 - 7 - 5p - 4 - 8p^2 + 9p^2 + 6 + 6p$

3.  $7s^2 - 3 - 6s + 9s^2 - 9s - 7s + 9s + 1 + 9$

4.  $-2r - 6r^2 - 9r^2 + 5r^2 - 4r + 4r - 3 - 6r^2 - 6$

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

6.  $2 - 1 - 2h + 6h^2 + 9h - 3h + 4h^2 + 9h + 4h^2$

7.  $-7 - 6y^2 - 5y^2 + 8y - 9y^2 - 2y + 5 + 2y - 5y$

8.  $7 - 6n - 1 - 7n^2 - 2 - 5n^2 + 6n^2 + 8n + n^2$

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

10.  $-7x - 3x^2 - 5x^2 - 8x + 2 + 2x + x + 2 + 3x^2$