

# Adding & Subtracting Quadratic Expressions (H)

Simplify each expression.

1.  $-7(4z^2 - 3z - 8) + (-9z^2 - 9z - 6)$

2.  $(-9k^2 + 3k - 1) - (-7k^2 - k + 1)$

3.  $(-2f^2 - 5f - 6) - (-6f^2 - 3f + 8)$

4.  $9(3n^2 - 5n - 8) - 8(-n^2 + 2n - 8)$

5.  $(-2n^2 - n + 3) + (-5n^2 + 9n + 3)$

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

7.  $(5a^2 - 4a - 3) - (-8a^2 + 5a - 2)$

8.  $(-3h^2 + 5h + 2) + 6(-4h^2 + 8h - 4)$

9.  $(2q^2 - 3q + 5) + 7(-4q - 2)$

10.  $(5w^2 + 8w - 5) + 7(-w^2 + 4w - 4)$