

# Subtracting Quadratic Expressions (J)

Simplify each expression.

1.  $8(-m^2 - 6m + 5) - (6m^2 - 7m - 5)$

2.  $(9d^2 + 9d + 7) - (7d^2 - 8d + 8)$

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

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

5.  $(3t^2 - 2t + 5) - 3(t^2 - t - 4)$

6.  $7(7t^2 + 3t + 8) - 5(-4t^2 - 2t + 8)$

7.  $6(7p^2 + 8p + 9) - 7(-3p^2 + 3p + 8)$

8.  $6(4f^2 - 5f - 4) - 2(-f^2 - 5f + 7)$

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

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