

# Subtracting Quadratic Expressions (E)

Simplify each expression.

1.  $-3(-4k^2 - 7k + 6) - 4(-3k^2 - 5k + 7)$

2.  $-4(-2d^2 - 8d + 5) - 7(7d^2 - 9d - 5)$

3.  $-7(-5z^2 + 9z - 1) - 3(-2z^2 + 8z + 3)$

4.  $-9(9r^2 - 4r - 5) - 7(-8r^2 + 9r - 7)$

5.  $-(4s^2 - 9s - 7) - 4(6s^2 - 4s + 1)$

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

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

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

9.  $7(-8d^2 + 8d - 7) - 3(-6d^2 + 5d + 1)$

10.  $3(-p^2 + 7p - 8) - 5(2p^2 - 9p + 3)$