

# Subtracting Quadratic Expressions (H)

Simplify each expression.

1.  $(-8d^2 + 7d + 2) - 2(-7d^2 + 2d - 1)$

2.  $(8b^2 - 2b + 1) - (-2b^2 + 2b + 5)$

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

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

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

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

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

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

9.  $(8q^2 + 2q + 1) - 4(6q^2 - q - 5)$

10.  $(-2g^2 - 5g - 7) - (-4g^2 - 6g - 7)$