

# Adding & Subtracting Quadratic Expressions (F)

Simplify each expression.

1.  $(-5g^2 + 5g + 8) + (-4g^2 + 5g + 2)$

2.  $(6q^2 - 8q + 8) + (8q^2 + 3q + 3)$

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

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

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

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

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

8.  $(9z^2 - 6z + 7) + (-8z^2 + 5z - 5)$

9.  $(2x^2 + 3x - 7) + (-4x^2 + 7x - 1)$

10.  $(-3b^2 + 5b - 7) + (-9b^2 - 4b - 9)$