

# Adding Quadratic Expressions (A)

Simplify each expression.

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

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

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

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

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

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

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

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

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

10.  $(-3g^2 + 2g - 9) + (-3g^2 + 3g + 5)$

# Adding Quadratic Expressions (A) Answers

Simplify each expression.

1.  $(9f^2 - 6f - 4) + (-4f^2 + 7f + 7)$   
 $5f^2 + f + 3$

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

3.  $(3p^2 - p + 9) + (2p^2 - 7p + 4)$   
 $5p^2 - 8p + 13$

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

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

6.  $(6f^2 + 4f + 3) + (8f^2 - 8f - 7)$   
 $14f^2 - 4f - 4$

7.  $(-3r^2 + 2r + 6) + (9r^2 + 8r)$   
 $6r^2 + 10r + 6$

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

9.  $(3z^2 - z + 6) + (-7z^2 - 8z + 9)$   
 $-4z^2 - 9z + 15$

10.  $(-3g^2 + 2g - 9) + (-3g^2 + 3g + 5)$   
 $-6g^2 + 5g - 4$