

# Adding Linear Expressions (H)

Simplify each expression.

1.  $-6(9h + 7) + (-3h + 1)$

2.  $-4(2w + 5) + 8(2w + 9)$

3.  $(-8f + 4) + 7(f - 4)$

4.  $2(-9t + 8) + 3(-4t + 3)$

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

6.  $(p + 7) + (p + 3)$

7.  $(8s + 7) + 7(-3s + 9)$

8.  $5(-9c + 5) + 4(-5c - 9)$

9.  $-4(-7v + 4) + 3(-2v - 3)$

10.  $(-3v - 4) + 6(6v + 7)$

# Adding Linear Expressions (H) Answers

Simplify each expression.

1.  $-6(9h + 7) + (-3h + 1)$   
 $-57h - 41$

2.  $-4(2w + 5) + 8(2w + 9)$   
 $8w + 52$

3.  $(-8f + 4) + 7(f - 4)$   
 $-f - 24$

4.  $2(-9t + 8) + 3(-4t + 3)$   
 $-30t + 25$

5.  $2(2r - 7) + (9r - 8)$   
 $13r - 22$

6.  $(p + 7) + (p + 3)$   
 $2p + 10$

7.  $(8s + 7) + 7(-3s + 9)$   
 $-13s + 70$

8.  $5(-9c + 5) + 4(-5c - 9)$   
 $-65c - 11$

9.  $-4(-7v + 4) + 3(-2v - 3)$   
 $22v - 25$

10.  $(-3v - 4) + 6(6v + 7)$   
 $33v + 38$