

# Adding Linear Expressions (I)

Simplify each expression.

1.  $4(4g + 7) + 4(-7g - 7)$

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

3.  $7(4p - 5) + 8(7p + 3)$

4.  $-7(t - 7) + (-8t + 7)$

5.  $2(-7v - 1) + (-v + 6)$

6.  $(-3f + 8) + (3f + 5)$

7.  $(4q - 8) + (-8q - 5)$

8.  $(-7v + 7) + 7(4v - 5)$

9.  $(-5y + 6) + (y + 3)$

10.  $(6z + 6) + (-7z + 7)$

# Adding Linear Expressions (I) Answers

Simplify each expression.

1.  $4(4g + 7) + 4(-7g - 7)$   
 $-12g$

2.  $-2(-5c + 4) + 2(6c + 9)$   
 $22c + 10$

3.  $7(4p - 5) + 8(7p + 3)$   
 $84p - 11$

4.  $-7(t - 7) + (-8t + 7)$   
 $-15t + 56$

5.  $2(-7v - 1) + (-v + 6)$   
 $-15v + 4$

6.  $(-3f + 8) + (3f + 5)$   
 $13$

7.  $(4q - 8) + (-8q - 5)$   
 $-4q - 13$

8.  $(-7v + 7) + 7(4v - 5)$   
 $21v - 28$

9.  $(-5y + 6) + (y + 3)$   
 $-4y + 9$

10.  $(6z + 6) + (-7z + 7)$   
 $-z + 13$