

# Adding Linear Expressions (A)

Simplify each expression.

1.  $(-4y - 1) + (-9y - 2)$

2.  $(6h + 2) + (-7h - 8)$

3.  $(-4s + 9) + (4s - 6)$

4.  $(s - 6) + (8s + 4)$

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

6.  $(-3c + 6) + (-c + 8)$

7.  $(-6n - 6) + (8n - 6)$

8.  $(-9m + 9) + (8m + 8)$

9.  $(7z + 1) + (-4z - 5)$

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

# Adding Linear Expressions (A) Answers

Simplify each expression.

1.  $(-4y - 1) + (-9y - 2)$   
 $-13y - 3$

2.  $(6h + 2) + (-7h - 8)$   
 $-h - 6$

3.  $(-4s + 9) + (4s - 6)$   
 $3$

4.  $(s - 6) + (8s + 4)$   
 $9s - 2$

5.  $(8b + 7) + (2b - 9)$   
 $10b - 2$

6.  $(-3c + 6) + (-c + 8)$   
 $-4c + 14$

7.  $(-6n - 6) + (8n - 6)$   
 $2n - 12$

8.  $(-9m + 9) + (8m + 8)$   
 $-m + 17$

9.  $(7z + 1) + (-4z - 5)$   
 $3z - 4$

10.  $(-n + 7) + (-7n + 6)$   
 $-8n + 13$

# Adding Linear Expressions (B)

Simplify each expression.

1.  $(-6c) + (8c - 6)$

2.  $(k + 5) + (5k - 5)$

3.  $(9h - 8) + (-6h + 3)$

4.  $(3k - 6) + (-9k - 4)$

5.  $(-6k - 5) + (4k - 7)$

6.  $(-7c - 9) + (7c + 7)$

7.  $(2b + 9) + (9b + 5)$

8.  $(q - 4) + (-2q - 6)$

9.  $(8k - 4) + (-4)$

10.  $(9s + 9) + (-5s - 9)$

# Adding Linear Expressions (B) Answers

Simplify each expression.

1.  $(-6c) + (8c - 6)$

$2c - 6$

2.  $(k + 5) + (5k - 5)$

$6k$

3.  $(9h - 8) + (-6h + 3)$

$3h - 5$

4.  $(3k - 6) + (-9k - 4)$

$-6k - 10$

5.  $(-6k - 5) + (4k - 7)$

$-2k - 12$

6.  $(-7c - 9) + (7c + 7)$

$-2$

7.  $(2b + 9) + (9b + 5)$

$11b + 14$

8.  $(q - 4) + (-2q - 6)$

$-q - 10$

9.  $(8k - 4) + (-4)$

$8k - 8$

10.  $(9s + 9) + (-5s - 9)$

$4s$

# Adding Linear Expressions (C)

Simplify each expression.

1.  $(-3z + 1) + (-8z + 9)$

2.  $(-8k + 5) + (-6k - 3)$

3.  $(-t + 2) + (-6t - 5)$

4.  $(5k - 3) + (-4k - 8)$

5.  $(-5s + 6) + (5s + 3)$

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

7.  $(-5w) + (3w - 3)$

8.  $(5x - 6) + (2x + 5)$

9.  $(4z - 9) + (3z + 5)$

10.  $(7w - 7) + (4w + 7)$

# Adding Linear Expressions (C) Answers

Simplify each expression.

1.  $(-3z + 1) + (-8z + 9)$   
 $-11z + 10$

2.  $(-8k + 5) + (-6k - 3)$   
 $-14k + 2$

3.  $(-t + 2) + (-6t - 5)$   
 $-7t - 3$

4.  $(5k - 3) + (-4k - 8)$   
 $k - 11$

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

6.  $(-3r + 7) + (-2r - 8)$   
 $-5r - 1$

7.  $(-5w) + (3w - 3)$   
 $-2w - 3$

8.  $(5x - 6) + (2x + 5)$   
 $7x - 1$

9.  $(4z - 9) + (3z + 5)$   
 $7z - 4$

10.  $(7w - 7) + (4w + 7)$   
 $11w$

# Adding Linear Expressions (D)

Simplify each expression.

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

2.  $(5p + 4) + (-6p - 4)$

3.  $(q - 2) + (-2q - 2)$

4.  $(-4k + 9) + (-8k + 1)$

5.  $(4s + 7) + (-7s - 7)$

6.  $(-r - 8) + (-2r + 8)$

7.  $(2q - 6) + (-2q - 7)$

8.  $(6g - 1) + (-7g + 8)$

9.  $(5f + 2) + (8f + 1)$

10.  $(-3x + 3) + (-1)$

# Adding Linear Expressions (D) Answers

Simplify each expression.

1.  $(-5g - 1) + (2g - 8)$   
 $-3g - 9$

2.  $(5p + 4) + (-6p - 4)$   
 $-p$

3.  $(q - 2) + (-2q - 2)$   
 $-q - 4$

4.  $(-4k + 9) + (-8k + 1)$   
 $-12k + 10$

5.  $(4s + 7) + (-7s - 7)$   
 $-3s$

6.  $(-r - 8) + (-2r + 8)$   
 $-3r$

7.  $(2q - 6) + (-2q - 7)$   
 $-13$

8.  $(6g - 1) + (-7g + 8)$   
 $-g + 7$

9.  $(5f + 2) + (8f + 1)$   
 $13f + 3$

10.  $(-3x + 3) + (-1)$   
 $-3x + 2$



# Adding Linear Expressions (E)

Simplify each expression.

1.  $(3b + 9) + (3b + 6)$

2.  $(g + 1) + (-8g + 7)$

3.  $(8n + 8) + (2n - 6)$

4.  $(6s + 2) + (-3s - 2)$

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

6.  $(8a + 9) + (-2a + 9)$

7.  $(-9h + 7) + (9h - 2)$

8.  $(2) + (8m + 6)$

9.  $(n - 2) + (-7n + 9)$

10.  $(3x + 4) + (3x - 1)$

# Adding Linear Expressions (E) Answers

Simplify each expression.

1.  $(3b + 9) + (3b + 6)$

$6b + 15$

2.  $(g + 1) + (-8g + 7)$

$-7g + 8$

3.  $(8n + 8) + (2n - 6)$

$10n + 2$

4.  $(6s + 2) + (-3s - 2)$

$3s$

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

$-8c - 3$

6.  $(8a + 9) + (-2a + 9)$

$6a + 18$

7.  $(-9h + 7) + (9h - 2)$

$5$

8.  $(2) + (8m + 6)$

$8m + 8$

9.  $(n - 2) + (-7n + 9)$

$-6n + 7$

10.  $(3x + 4) + (3x - 1)$

$6x + 3$

# Adding Linear Expressions (F)

Simplify each expression.

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

2.  $(4y + 1) + (3y - 6)$

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

4.  $(-7z - 2) + (-6z - 2)$

5.  $(-8w - 5) + (-6w + 6)$

6.  $(-8s - 8) + (-6s + 1)$

7.  $(5a - 3) + (3a - 8)$

8.  $(-c + 6) + (c - 8)$

9.  $(9d - 4) + (-d + 6)$

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

# Adding Linear Expressions (F) Answers

Simplify each expression.

1.  $(7q + 4) + (-4q - 7)$   
 $3q - 3$

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

3.  $(5n + 2) + (-9n - 3)$   
 $-4n - 1$

4.  $(-7z - 2) + (-6z - 2)$   
 $-13z - 4$

5.  $(-8w - 5) + (-6w + 6)$   
 $-14w + 1$

6.  $(-8s - 8) + (-6s + 1)$   
 $-14s - 7$

7.  $(5a - 3) + (3a - 8)$   
 $8a - 11$

8.  $(-c + 6) + (c - 8)$   
 $-2$

9.  $(9d - 4) + (-d + 6)$   
 $8d + 2$

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

# Adding Linear Expressions (G)

Simplify each expression.

1.  $(-2s + 1) + (4s + 9)$

2.  $(-x + 1) + (-7x - 7)$

3.  $(2y + 5) + (3y - 3)$

4.  $(9h - 7) + (-5h - 8)$

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

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

7.  $(k + 8) + (7k + 4)$

8.  $(-s - 5) + (3s - 7)$

9.  $(-4q + 1) + (-5q + 5)$

10.  $(-8w - 9) + (5w + 8)$

# Adding Linear Expressions (G) Answers

Simplify each expression.

1.  $(-2s + 1) + (4s + 9)$

$2s + 10$

2.  $(-x + 1) + (-7x - 7)$

$-8x - 6$

3.  $(2y + 5) + (3y - 3)$

$5y + 2$

4.  $(9h - 7) + (-5h - 8)$

$4h - 15$

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

$12q + 11$

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

$13n - 9$

7.  $(k + 8) + (7k + 4)$

$8k + 12$

8.  $(-s - 5) + (3s - 7)$

$2s - 12$

9.  $(-4q + 1) + (-5q + 5)$

$-9q + 6$

10.  $(-8w - 9) + (5w + 8)$

$-3w - 1$

# Adding Linear Expressions (H)

Simplify each expression.

1.  $(-6f + 5) + (-4f - 3)$

2.  $(-5c - 1) + (7c + 1)$

3.  $(9w + 7) + (-2w + 1)$

4.  $(4p + 8) + (8p - 6)$

5.  $(-2t + 4) + (-6t + 5)$

6.  $(-2m + 2) + (-3m + 5)$

7.  $(5d - 2) + (-6d - 4)$

8.  $(7m - 1) + (-6m + 5)$

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

10.  $(-5g - 5) + (-6g + 8)$

# Adding Linear Expressions (H) Answers

Simplify each expression.

1.  $(-6f + 5) + (-4f - 3)$   
 $-10f + 2$

2.  $(-5c - 1) + (7c + 1)$   
 $2c$

3.  $(9w + 7) + (-2w + 1)$   
 $7w + 8$

4.  $(4p + 8) + (8p - 6)$   
 $12p + 2$

5.  $(-2t + 4) + (-6t + 5)$   
 $-8t + 9$

6.  $(-2m + 2) + (-3m + 5)$   
 $-5m + 7$

7.  $(5d - 2) + (-6d - 4)$   
 $-d - 6$

8.  $(7m - 1) + (-6m + 5)$   
 $m + 4$

9.  $(4c - 6) + (6c - 4)$   
 $10c - 10$

10.  $(-5g - 5) + (-6g + 8)$   
 $-11g + 3$



# Adding Linear Expressions (I)

Simplify each expression.

1.  $(4n - 8) + (4n + 7)$

2.  $(-2c + 3) + (-2c + 6)$

3.  $(9a - 6) + (9a + 6)$

4.  $(-9w - 7) + (-8w - 8)$

5.  $(-w - 4) + (4w + 4)$

6.  $(-5s + 9) + (6s + 8)$

7.  $(8t - 1) + (9t - 2)$

8.  $(-4k - 1) + (6k - 9)$

9.  $(2a + 6) + (-8a + 6)$

10.  $(m + 7) + (4m - 2)$

# Adding Linear Expressions (I) Answers

Simplify each expression.

1.  $(4n - 8) + (4n + 7)$

$8n - 1$

2.  $(-2c + 3) + (-2c + 6)$

$-4c + 9$

3.  $(9a - 6) + (9a + 6)$

$18a$

4.  $(-9w - 7) + (-8w - 8)$

$-17w - 15$

5.  $(-w - 4) + (4w + 4)$

$3w$

6.  $(-5s + 9) + (6s + 8)$

$s + 17$

7.  $(8t - 1) + (9t - 2)$

$17t - 3$

8.  $(-4k - 1) + (6k - 9)$

$2k - 10$

9.  $(2a + 6) + (-8a + 6)$

$-6a + 12$

10.  $(m + 7) + (4m - 2)$

$5m + 5$

# Adding Linear Expressions (J)

Simplify each expression.

1.  $(-9s - 8) + (4s + 9)$

2.  $(5w - 2) + (6w + 4)$

3.  $(-8r + 2) + (-6r - 3)$

4.  $(6k - 4) + (7k + 2)$

5.  $(-h - 8) + (9h - 1)$

6.  $(6g + 8) + (g + 6)$

7.  $(-7h + 4) + (9h + 2)$

8.  $(-7r - 3) + (3r)$

9.  $(-5k + 9) + (-4k - 6)$

10.  $(6g + 3) + (3g + 6)$

# Adding Linear Expressions (J) Answers

Simplify each expression.

1.  $(-9s - 8) + (4s + 9)$   
 $-5s + 1$

2.  $(5w - 2) + (6w + 4)$   
 $11w + 2$

3.  $(-8r + 2) + (-6r - 3)$   
 $-14r - 1$

4.  $(6k - 4) + (7k + 2)$   
 $13k - 2$

5.  $(-h - 8) + (9h - 1)$   
 $8h - 9$

6.  $(6g + 8) + (g + 6)$   
 $7g + 14$

7.  $(-7h + 4) + (9h + 2)$   
 $2h + 6$

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

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

10.  $(6g + 3) + (3g + 6)$   
 $9g + 9$