

Adding & Subtracting Linear Expressions (A)

Simplify each expression.

1. $(-6p - 8) - (2p - 6)$

2. $(-8r - 2) + (4r - 3)$

3. $(-z - 8) - (6z - 5)$

4. $(-s - 5) + (-2s + 2)$

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

6. $(-4f + 9) - (8f + 9)$

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

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

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

10. $(-3g) + (5g - 5)$

Adding & Subtracting Linear Expressions (A) Answers

Simplify each expression.

1. $(-6p - 8) - (2p - 6)$
 $-8p - 2$

2. $(-8r - 2) + (4r - 3)$
 $-4r - 5$

3. $(-z - 8) - (6z - 5)$
 $-7z - 3$

4. $(-s - 5) + (-2s + 2)$
 $-3s - 3$

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

6. $(-4f + 9) - (8f + 9)$
 $-12f$

7. $(-8f) + (-f + 8)$
 $-9f + 8$

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

9. $(7v - 9) - (6v + 9)$
 $v - 18$

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

Adding & Subtracting Linear Expressions (B)

Simplify each expression.

1. $(-5v - 4) + (v - 1)$

2. $(-4y + 5) - (2y + 4)$

3. $(6f + 1) + (8f + 2)$

4. $(3m - 9) + (-m + 2)$

5. $(-9m + 1) + (8m - 7)$

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

7. $(-9p - 2) - (5p - 1)$

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

9. $(-3n - 8) - (4n + 6)$

10. $(2h - 1) + (4h + 5)$

Adding & Subtracting Linear Expressions (B) Answers

Simplify each expression.

1. $(-5v - 4) + (v - 1)$
 $-4v - 5$

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

3. $(6f + 1) + (8f + 2)$
 $14f + 3$

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

5. $(-9m + 1) + (8m - 7)$
 $-m - 6$

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

7. $(-9p - 2) - (5p - 1)$
 $-14p - 1$

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

9. $(-3n - 8) - (4n + 6)$
 $-7n - 14$

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

Adding & Subtracting Linear Expressions (C)

Simplify each expression.

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

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

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

4. $(4n + 4) - (-n + 4)$

5. $(-6b - 5) + (6b - 9)$

6. $(4h - 7) + (-4h - 8)$

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

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

9. $(-5y - 4) + (-7y + 4)$

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

Adding & Subtracting Linear Expressions (C) Answers

Simplify each expression.

1. $(f + 7) + (-7f + 4)$
 $-6f + 11$

2. $(9g + 9) + (-7g + 2)$
 $2g + 11$

3. $(-7w + 9) + (-7w + 7)$
 $-14w + 16$

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

5. $(-6b - 5) + (6b - 9)$
 -14

6. $(4h - 7) + (-4h - 8)$
 -15

7. $(v - 1) - (-7v + 2)$
 $8v - 3$

8. $(a + 5) - (8a + 7)$
 $-7a - 2$

9. $(-5y - 4) + (-7y + 4)$
 $-12y$

10. $(-6k + 7) + (-6k + 6)$
 $-12k + 13$

Adding & Subtracting Linear Expressions (D)

Simplify each expression.

1. $(8g - 7) - (-9g - 2)$

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

3. $(-5k - 4) - (2k - 4)$

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

5. $(-v + 5) + (8v - 1)$

6. $(3q - 8) - (-3q + 4)$

7. $(-8h - 6) - (-h - 4)$

8. $(3q + 8) - (5q - 5)$

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

10. $(-9s + 5) - (-6s + 6)$

Adding & Subtracting Linear Expressions (D) Answers

Simplify each expression.

1. $(8g - 7) - (-9g - 2)$
 $17g - 5$

2. $(-2m + 7) - (7m + 5)$
 $-9m + 2$

3. $(-5k - 4) - (2k - 4)$
 $-7k$

4. $(6s) + (4s - 4)$
 $10s - 4$

5. $(-v + 5) + (8v - 1)$
 $7v + 4$

6. $(3q - 8) - (-3q + 4)$
 $6q - 12$

7. $(-8h - 6) - (-h - 4)$
 $-7h - 2$

8. $(3q + 8) - (5q - 5)$
 $-2q + 13$

9. $(8b - 7) - (5b + 2)$
 $3b - 9$

10. $(-9s + 5) - (-6s + 6)$
 $-3s - 1$

Adding & Subtracting Linear Expressions (E)

Simplify each expression.

1. $(6a + 8) + (-6a - 9)$

2. $(-6p - 4) + (3p - 5)$

3. $(4c - 2) + (-3c + 1)$

4. $(4f - 2) - (2f - 1)$

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

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

7. $(h - 9) - (-2h - 1)$

8. $(8g - 4) - (5g - 5)$

9. $(-7c - 3) - (-3c + 3)$

10. $(t + 3) - (-4t + 8)$

Adding & Subtracting Linear Expressions (E) Answers

Simplify each expression.

1. $(6a + 8) + (-6a - 9)$

-1

2. $(-6p - 4) + (3p - 5)$

$-3p - 9$

3. $(4c - 2) + (-3c + 1)$

$c - 1$

4. $(4f - 2) - (2f - 1)$

$2f - 1$

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

$13z + 14$

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

$-13r + 17$

7. $(h - 9) - (-2h - 1)$

$3h - 8$

8. $(8g - 4) - (5g - 5)$

$3g + 1$

9. $(-7c - 3) - (-3c + 3)$

$-4c - 6$

10. $(t + 3) - (-4t + 8)$

$5t - 5$

Adding & Subtracting Linear Expressions (F)

Simplify each expression.

1. $(-6f + 4) - (-4f + 7)$

2. $(-9v - 7) + (-8v + 4)$

3. $(7f - 1) - (-5f + 1)$

4. $(5q + 5) + (9q + 2)$

5. $(-3z + 6) + (5z - 7)$

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

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

8. $(-9m + 7) - (7m + 8)$

9. $(-2k - 2) + (-9k + 1)$

10. $(-8c - 9) - (3c - 6)$

Adding & Subtracting Linear Expressions (F) Answers

Simplify each expression.

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

2. $(-9v - 7) + (-8v + 4)$
 $-17v - 3$

3. $(7f - 1) - (-5f + 1)$
 $12f - 2$

4. $(5q + 5) + (9q + 2)$
 $14q + 7$

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

6. $(-3b + 3) + (-9b + 4)$
 $-12b + 7$

7. $(-4f + 8) + (9)$
 $-4f + 17$

8. $(-9m + 7) - (7m + 8)$
 $-16m - 1$

9. $(-2k - 2) + (-9k + 1)$
 $-11k - 1$

10. $(-8c - 9) - (3c - 6)$
 $-11c - 3$

Adding & Subtracting Linear Expressions (G)

Simplify each expression.

1. $(9f + 1) + (-6f + 8)$

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

3. $(-9x - 2) - (-2x + 3)$

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

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

6. $(-3d - 3) + (4d + 6)$

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

8. $(-2m + 2) - (-3m - 1)$

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

10. $(5a + 2) + (-9a - 5)$

Adding & Subtracting Linear Expressions (G) Answers

Simplify each expression.

1. $(9f + 1) + (-6f + 8)$
 $3f + 9$

2. $(-2p + 5) - (6p + 6)$
 $-8p - 1$

3. $(-9x - 2) - (-2x + 3)$
 $-7x - 5$

4. $(-3n + 7) + (-5n - 5)$
 $-8n + 2$

5. $(-g - 8) + (2g - 5)$
 $g - 13$

6. $(-3d - 3) + (4d + 6)$
 $d + 3$

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

8. $(-2m + 2) - (-3m - 1)$
 $m + 3$

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

10. $(5a + 2) + (-9a - 5)$
 $-4a - 3$

Adding & Subtracting Linear Expressions (H)

Simplify each expression.

1. $(-2b - 6) - (-2b + 2)$

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

3. $(4z - 8) + (-6z - 8)$

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

5. $(-9p - 1) - (-2p - 5)$

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

7. $(6h + 5) + (-4h - 3)$

8. $(-k + 9) - (7k - 8)$

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

10. $(-8b + 2) + (-3b)$

Adding & Subtracting Linear Expressions (H) Answers

Simplify each expression.

1. $(-2b - 6) - (-2b + 2)$
 -8

2. $(w + 9) - (2w - 5)$
 $-w + 14$

3. $(4z - 8) + (-6z - 8)$
 $-2z - 16$

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

5. $(-9p - 1) - (-2p - 5)$
 $-7p + 4$

6. $(-3) - (6f + 8)$
 $-6f - 11$

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

8. $(-k + 9) - (7k - 8)$
 $-8k + 17$

9. $(9c + 4) + (2c - 5)$
 $11c - 1$

10. $(-8b + 2) + (-3b)$
 $-11b + 2$

Adding & Subtracting Linear Expressions (I)

Simplify each expression.

1. $(-4d + 5) + (4d + 3)$

2. $(8h + 8) + (7h + 3)$

3. $(-7q + 4) - (3q - 6)$

4. $(9t - 6) + (3t + 1)$

5. $(-3g) - (-1)$

6. $(-4p - 7) + (-8p + 3)$

7. $(f - 3) + (-2f - 2)$

8. $(-8q - 2) - (-2q - 3)$

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

10. $(2w + 2) + (-3w - 4)$

Adding & Subtracting Linear Expressions (I) Answers

Simplify each expression.

1. $(-4d + 5) + (4d + 3)$

8

2. $(8h + 8) + (7h + 3)$

15h + 11

3. $(-7q + 4) - (3q - 6)$

-10q + 10

4. $(9t - 6) + (3t + 1)$

12t - 5

5. $(-3g) - (-1)$

-3g + 1

6. $(-4p - 7) + (-8p + 3)$

-12p - 4

7. $(f - 3) + (-2f - 2)$

-f - 5

8. $(-8q - 2) - (-2q - 3)$

-6q + 1

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

9a + 16

10. $(2w + 2) + (-3w - 4)$

-w - 2

Adding & Subtracting Linear Expressions (J)

Simplify each expression.

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

2. $(p - 1) - (p - 3)$

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

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

5. $(8k - 3) - (7k - 7)$

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

7. $(6p + 1) + (-5p - 3)$

8. $(5x + 9) - (-5x - 8)$

9. $(-6z - 4) - (6z - 9)$

10. $(8p - 6) + (-5p + 4)$

Adding & Subtracting Linear Expressions (J) Answers

Simplify each expression.

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

-4

2. $(p - 1) - (p - 3)$

2

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

$3h + 11$

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

$-6p - 5$

5. $(8k - 3) - (7k - 7)$

$k + 4$

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

$-12c - 9$

7. $(6p + 1) + (-5p - 3)$

$p - 2$

8. $(5x + 9) - (-5x - 8)$

$10x + 17$

9. $(-6z - 4) - (6z - 9)$

$-12z + 5$

10. $(8p - 6) + (-5p + 4)$

$3p - 2$