

Subtracting Linear Expressions (A)

Simplify each expression.

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

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

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

4. $4(7c + 1) - 2(4c + 2)$

5. $7(8w - 9) - 4(-5w + 3)$

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

7. $-2(-8w + 8) - 3(-5w - 8)$

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

9. $-4(-1) - 5(9d)$

10. $9(-6c - 9) - 2(-3c + 7)$

Subtracting Linear Expressions (A) Answers

Simplify each expression.

1. $-9(7) - 5(2p - 9)$
 $-10p - 18$

2. $9(-7x + 5) - 2(5x + 5)$
 $-73x + 35$

3. $(-8x + 6) - 3(-3x - 3)$
 $x + 15$

4. $4(7c + 1) - 2(4c + 2)$
 $20c$

5. $7(8w - 9) - 4(-5w + 3)$
 $76w - 75$

6. $-3(-3p + 5) - 4(-2p - 5)$
 $17p + 5$

7. $-2(-8w + 8) - 3(-5w - 8)$
 $31w + 8$

8. $-3(6d - 9) - 3(-d + 9)$
 $-15d$

9. $-4(-1) - 5(9d)$
 $-45d + 4$

10. $9(-6c - 9) - 2(-3c + 7)$
 $-48c - 95$

Subtracting Linear Expressions (B)

Simplify each expression.

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

2. $3(-5d - 2) - 2(-5d - 2)$

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

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

5. $9(6m + 4) - 9(-7m + 5)$

6. $-4(-5q + 7) - 3(-8q + 2)$

7. $2(-7c + 5) - 4(7c + 2)$

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

9. $2(-3w + 6) - 7(4w + 5)$

10. $-2(5a - 6) - 8(8a - 7)$

Subtracting Linear Expressions (B) Answers

Simplify each expression.

1. $-5(2n + 4) - 2(-5n + 5)$
 -30

2. $3(-5d - 2) - 2(-5d - 2)$
 $-5d - 2$

3. $3(-9v - 6) - 5(5v + 6)$
 $-52v - 48$

4. $-5(-7q - 3) - 2(-9q + 4)$
 $53q + 7$

5. $9(6m + 4) - 9(-7m + 5)$
 $117m - 9$

6. $-4(-5q + 7) - 3(-8q + 2)$
 $44q - 34$

7. $2(-7c + 5) - 4(7c + 2)$
 $-42c + 2$

8. $2(4w + 9) - 9(-w - 8)$
 $17w + 90$

9. $2(-3w + 6) - 7(4w + 5)$
 $-34w - 23$

10. $-2(5a - 6) - 8(8a - 7)$
 $-74a + 68$

Subtracting Linear Expressions (C)

Simplify each expression.

1. $-7(6g - 4) - 5(-5g + 1)$

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

3. $7(-3w - 5) - 2(9w - 8)$

4. $-(9s - 9) - 5(-8s - 7)$

5. $-7(4c + 8) - 8(2c - 2)$

6. $9(-3s - 8) - 8(8s - 3)$

7. $4(7t + 9) - 9(3t - 3)$

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

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

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

Subtracting Linear Expressions (C) Answers

Simplify each expression.

1. $-7(6g - 4) - 5(-5g + 1)$
 $-17g + 23$

2. $-6(-v + 5) - 7(-v + 2)$
 $13v - 44$

3. $7(-3w - 5) - 2(9w - 8)$
 $-39w - 19$

4. $-(9s - 9) - 5(-8s - 7)$
 $31s + 44$

5. $-7(4c + 8) - 8(2c - 2)$
 $-44c - 40$

6. $9(-3s - 8) - 8(8s - 3)$
 $-91s - 48$

7. $4(7t + 9) - 9(3t - 3)$
 $t + 63$

8. $-9(-c - 2) - 2(c + 2)$
 $7c + 14$

9. $2(d + 6) - 8(6d + 9)$
 $-46d - 60$

10. $4(3g - 6) - 3(3g + 5)$
 $3g - 39$

Subtracting Linear Expressions (D)

Simplify each expression.

1. $9(-5a + 1) - 9(-2a + 3)$

2. $3(-3g - 5) - 7(8g - 2)$

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

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

5. $8(-8s - 4) - 3(-7s - 6)$

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

7. $(3r - 9) - 8(3r - 7)$

8. $9(-4m - 9) - 9(2m - 8)$

9. $2(-5v + 3) - 7(3v - 6)$

10. $-(-5v - 6) - 5(4v - 9)$

Subtracting Linear Expressions (D) Answers

Simplify each expression.

1. $9(-5a + 1) - 9(-2a + 3)$
 $-27a - 18$

2. $3(-3g - 5) - 7(8g - 2)$
 $-65g - 1$

3. $9(6y + 9) - 6(8y + 3)$
 $6y + 63$

4. $(6n) - 9(6n + 8)$
 $-48n - 72$

5. $8(-8s - 4) - 3(-7s - 6)$
 $-43s - 14$

6. $-4(6c) - 4(3c + 6)$
 $-36c - 24$

7. $(3r - 9) - 8(3r - 7)$
 $-21r + 47$

8. $9(-4m - 9) - 9(2m - 8)$
 $-54m - 9$

9. $2(-5v + 3) - 7(3v - 6)$
 $-31v + 48$

10. $-(-5v - 6) - 5(4v - 9)$
 $-15v + 51$

Subtracting Linear Expressions (E)

Simplify each expression.

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

2. $7(5k - 9) - 2(2k - 4)$

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

4. $-8(9n - 9) - 7(-8n - 5)$

5. $-(3q - 5) - 8(-9q + 6)$

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

7. $-6(2z - 1) - 9(7z + 3)$

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

9. $-6(9s - 3) - 4(-2s + 8)$

10. $2(7v + 6) - 3(-2v + 2)$

Subtracting Linear Expressions (E) Answers

Simplify each expression.

1. $-5(7v - 8) - 7(-4v - 5)$
 $-7v + 75$

2. $7(5k - 9) - 2(2k - 4)$
 $31k - 55$

3. $(z + 3) - 6(5z - 9)$
 $-29z + 57$

4. $-8(9n - 9) - 7(-8n - 5)$
 $-16n + 107$

5. $-(3q - 5) - 8(-9q + 6)$
 $69q - 43$

6. $-3(-3r + 5) - 5(-4r + 2)$
 $29r - 25$

7. $-6(2z - 1) - 9(7z + 3)$
 $-75z - 21$

8. $5(9h - 7) - 8(-7h + 5)$
 $101h - 75$

9. $-6(9s - 3) - 4(-2s + 8)$
 $-46s - 14$

10. $2(7v + 6) - 3(-2v + 2)$
 $20v + 6$

Subtracting Linear Expressions (F)

Simplify each expression.

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

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

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

4. $5(-q + 4) - 8(-2q - 2)$

5. $-7(-6v + 9) - 2(v - 3)$

6. $5(8v + 9) - 7(4)$

7. $-(7m - 1) - 8(-3m - 4)$

8. $2(-d + 9) - 6(-9d + 7)$

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

10. $-2(9b + 6) - 7(-6b + 3)$

Subtracting Linear Expressions (F) Answers

Simplify each expression.

1. $5(4v - 3) - 9(4v + 7)$
 $-16v - 78$

2. $-7(7m - 3) - 4(-7m - 2)$
 $-21m + 29$

3. $2(-2n - 8) - 5(2n - 4)$
 $-14n + 4$

4. $5(-q + 4) - 8(-2q - 2)$
 $11q + 36$

5. $-7(-6v + 9) - 2(v - 3)$
 $40v - 57$

6. $5(8v + 9) - 7(4)$
 $40v + 17$

7. $-(7m - 1) - 8(-3m - 4)$
 $17m + 33$

8. $2(-d + 9) - 6(-9d + 7)$
 $52d - 24$

9. $7(-6k) - 9(-9k + 9)$
 $39k - 81$

10. $-2(9b + 6) - 7(-6b + 3)$
 $24b - 33$

Subtracting Linear Expressions (G)

Simplify each expression.

1. $6(7q - 3) - 6(-9q - 8)$

2. $9(3r - 8) - 6(8r)$

3. $8(3t - 9) - 5(-5t - 2)$

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

5. $5(-6g + 1) - 6(5g - 7)$

6. $9(f - 7) - 6(-8f + 7)$

7. $-9(q - 3) - 9(-3q - 6)$

8. $-6(-5v - 2) - 7(-v - 8)$

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

10. $6(-5n - 2) - 6(-7n - 9)$

Subtracting Linear Expressions (G) Answers

Simplify each expression.

1. $6(7q - 3) - 6(-9q - 8)$
 $96q + 30$

2. $9(3r - 8) - 6(8r)$
 $-21r - 72$

3. $8(3t - 9) - 5(-5t - 2)$
 $49t - 62$

4. $5(-8q + 2) - 3(5q + 4)$
 $-55q - 2$

5. $5(-6g + 1) - 6(5g - 7)$
 $-60g + 47$

6. $9(f - 7) - 6(-8f + 7)$
 $57f - 105$

7. $-9(q - 3) - 9(-3q - 6)$
 $18q + 81$

8. $-6(-5v - 2) - 7(-v - 8)$
 $37v + 68$

9. $-9(6s + 8) - 3(s + 7)$
 $-57s - 93$

10. $6(-5n - 2) - 6(-7n - 9)$
 $12n + 42$

Subtracting Linear Expressions (H)

Simplify each expression.

1. $-9(-4h + 3) - 5(-6)$

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

3. $6(9b + 1) - 7(2b - 3)$

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

5. $-8(-2v - 3) - 8(4v - 2)$

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

7. $4(-4t + 6) - 8(9t - 6)$

8. $-5(9m - 5) - 8(-9m + 2)$

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

10. $-8(9b + 1) - 9(8b + 9)$

Subtracting Linear Expressions (H) Answers

Simplify each expression.

1. $-9(-4h + 3) - 5(-6)$

$36h + 3$

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

$45a - 15$

3. $6(9b + 1) - 7(2b - 3)$

$40b + 27$

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

$24w - 50$

5. $-8(-2v - 3) - 8(4v - 2)$

$-16v + 40$

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

$33b - 59$

7. $4(-4t + 6) - 8(9t - 6)$

$-88t + 72$

8. $-5(9m - 5) - 8(-9m + 2)$

$27m + 9$

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

$-34a - 6$

10. $-8(9b + 1) - 9(8b + 9)$

$-144b - 89$

Subtracting Linear Expressions (I)

Simplify each expression.

1. $-7(-6r - 1) - 9(5r + 6)$

2. $-4(7n - 5) - 7(-4n - 9)$

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

4. $-3(3d - 1) - 3(7d + 2)$

5. $-8(-8v + 9) - 4(-4v + 6)$

6. $9(-7v - 6) - 5(v + 7)$

7. $(9x + 8) - 6(-2x + 4)$

8. $-4(-2) - 3(-7r - 2)$

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

10. $-(6q + 7) - 5(-8q + 2)$

Subtracting Linear Expressions (I) Answers

Simplify each expression.

1. $-7(-6r - 1) - 9(5r + 6)$
 $-3r - 47$

2. $-4(7n - 5) - 7(-4n - 9)$
 83

3. $-4(7x - 3) - 8(9x + 2)$
 $-100x - 4$

4. $-3(3d - 1) - 3(7d + 2)$
 $-30d - 3$

5. $-8(-8v + 9) - 4(-4v + 6)$
 $80v - 96$

6. $9(-7v - 6) - 5(v + 7)$
 $-68v - 89$

7. $(9x + 8) - 6(-2x + 4)$
 $21x - 16$

8. $-4(-2) - 3(-7r - 2)$
 $21r + 14$

9. $-4(-5b + 8) - 2(b - 4)$
 $18b - 24$

10. $-(6q + 7) - 5(-8q + 2)$
 $34q - 17$

Subtracting Linear Expressions (J)

Simplify each expression.

1. $9(-8p + 9) - 6(4p - 3)$

2. $2(9y + 6) - 5(-5y + 2)$

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

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

5. $-2(-3t - 5) - 8(-6t - 3)$

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

7. $2(-4a - 1) - 9(7)$

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

9. $-5(-6z + 5) - 7(-z + 1)$

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

Subtracting Linear Expressions (J) Answers

Simplify each expression.

1. $9(-8p + 9) - 6(4p - 3)$
 $-96p + 99$

2. $2(9y + 6) - 5(-5y + 2)$
 $43y + 2$

3. $(-5c + 2) - 2(9c)$
 $-23c + 2$

4. $3(2k - 7) - 2(-6k + 5)$
 $18k - 31$

5. $-2(-3t - 5) - 8(-6t - 3)$
 $54t + 34$

6. $-6(-4y - 5) - 2(-6y + 5)$
 $36y + 20$

7. $2(-4a - 1) - 9(7)$
 $-8a - 65$

8. $-9(-6a + 2) - 6(5a + 4)$
 $24a - 42$

9. $-5(-6z + 5) - 7(-z + 1)$
 $37z - 32$

10. $5(2w + 4) - 6(-3w + 6)$
 $28w - 16$