

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