

Adding Linear Expressions (G)

Simplify each expression.

1. $-4(-5x - 2) + 7(7x - 5)$

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

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

4. $-6(3m + 5) + 6(-8m + 8)$

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

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

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

8. $-8(6z + 7) + 3(-4z - 1)$

9. $-8(q + 2) + 9(q + 3)$

10. $-9(-2m - 2) + 2(2m + 4)$

Adding Linear Expressions (G) Answers

Simplify each expression.

1. $-4(-5x - 2) + 7(7x - 5)$
 $69x - 27$

2. $-5(3n - 1) + 9(-5n + 1)$
 $-60n + 14$

3. $7(8s - 1) + 6(3s - 5)$
 $74s - 37$

4. $-6(3m + 5) + 6(-8m + 8)$
 $-66m + 18$

5. $5(-r + 5) + 3(-6r + 3)$
 $-23r + 34$

6. $5(-2y + 5) + 6(-3y + 7)$
 $-28y + 67$

7. $2(-c - 5) + 4(-8c + 2)$
 $-34c - 2$

8. $-8(6z + 7) + 3(-4z - 1)$
 $-60z - 59$

9. $-8(q + 2) + 9(q + 3)$
 $q + 11$

10. $-9(-2m - 2) + 2(2m + 4)$
 $22m + 26$