

Adding Linear Expressions (A)

Simplify each expression.

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

2. $6(6n + 2) + 9(-8n - 1)$

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

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

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

6. $9(8y + 6) + 2(-8y + 5)$

7. $2(6q + 6) + 3(4q + 6)$

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

9. $7(2t - 2) + 2(-5t - 1)$

10. $(2c + 1) + 8(-5c + 2)$

Adding Linear Expressions (A) Answers

Simplify each expression.

1. $-3(3h + 1) + 4(-2h - 4)$
 $-17h - 19$

2. $6(6n + 2) + 9(-8n - 1)$
 $-36n + 3$

3. $9(-x - 5) + 5(x + 7)$
 $-4x - 10$

4. $-3(5c + 9) + 6(3c - 9)$
 $3c - 81$

5. $-2(2b + 5) + 3(7b - 7)$
 $17b - 31$

6. $9(8y + 6) + 2(-8y + 5)$
 $56y + 64$

7. $2(6q + 6) + 3(4q + 6)$
 $24q + 30$

8. $-6(-4p - 8) + 9(-4p - 8)$
 $-12p - 24$

9. $7(2t - 2) + 2(-5t - 1)$
 $4t - 16$

10. $(2c + 1) + 8(-5c + 2)$
 $-38c + 17$