

Adding & Subtracting Linear Expressions (H)

Simplify each expression.

1. $7(-9s - 3) - 3(-4s + 7)$

2. $6(4a + 1) - 7(2a + 9)$

3. $8(-4n + 5) + 6(9n - 6)$

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

5. $-(-4r - 2) + 8(6r - 8)$

6. $(-6m + 2) - 5(-7m + 1)$

7. $3(g + 4) - 2(-7g - 4)$

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

9. $6(-3m - 2) - 5(-9m + 8)$

10. $2(3y - 8) - 3(5y + 9)$

Adding & Subtracting Linear Expressions (H) Answers

Simplify each expression.

1. $7(-9s - 3) - 3(-4s + 7)$
 $-51s - 42$

2. $6(4a + 1) - 7(2a + 9)$
 $10a - 57$

3. $8(-4n + 5) + 6(9n - 6)$
 $22n + 4$

4. $3(-4s - 7) - 6(-7s - 7)$
 $30s + 21$

5. $-(-4r - 2) + 8(6r - 8)$
 $52r - 62$

6. $(-6m + 2) - 5(-7m + 1)$
 $29m - 3$

7. $3(g + 4) - 2(-7g - 4)$
 $17g + 20$

8. $-9(-2g - 7) + 4(-8g - 3)$
 $-14g + 51$

9. $6(-3m - 2) - 5(-9m + 8)$
 $27m - 52$

10. $2(3y - 8) - 3(5y + 9)$
 $-9y - 43$