

Adding & Subtracting Linear Expressions (J)

Simplify each expression.

1. $(7h - 8) - 7(-8h - 4)$

2. $-9(-9f - 3) + 4(3f + 6)$

3. $5(-8h + 3) - 5(3h + 2)$

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

5. $-3(-9y - 1) + 6(-y + 2)$

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

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

8. $-9(7z - 5) + 6(-7z + 1)$

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

10. $8(9f + 7) - 4(5f + 3)$

Adding & Subtracting Linear Expressions (J) Answers

Simplify each expression.

1. $(7h - 8) - 7(-8h - 4)$
 $63h + 20$

2. $-9(-9f - 3) + 4(3f + 6)$
 $93f + 51$

3. $5(-8h + 3) - 5(3h + 2)$
 $-55h + 5$

4. $-5(-4s - 4) - 4(-4s - 7)$
 $36s + 48$

5. $-3(-9y - 1) + 6(-y + 2)$
 $21y + 15$

6. $-9(-3x + 5) + 8(-2x + 2)$
 $11x - 29$

7. $-6(8r + 9) + 9(9r - 8)$
 $33r - 126$

8. $-9(7z - 5) + 6(-7z + 1)$
 $-105z + 51$

9. $6(-4b + 7) - 3(-2b + 2)$
 $-18b + 36$

10. $8(9f + 7) - 4(5f + 3)$
 $52f + 44$