

Adding & Subtracting Linear Expressions (B)

Simplify each expression.

1. $-4(6w + 1) + 7(-w - 2)$

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

3. $4(-9g - 9) - 4(-5g + 9)$

4. $5(4s + 4) - 6(4s - 4)$

5. $4(-7) - 8(9f + 2)$

6. $3(-8t - 4) - 4(-6t)$

7. $-9(-4h - 4) + 5(6h - 3)$

8. $-7(4q - 3) - 8(-7q - 3)$

9. $5(6z + 4) - 5(3z - 1)$

10. $6(-6p + 4) - 6(6p - 7)$

Adding & Subtracting Linear Expressions (B) Answers

Simplify each expression.

1. $-4(6w + 1) + 7(-w - 2)$
 $-31w - 18$

2. $6(4f - 2) + 6(9f + 6)$
 $78f + 24$

3. $4(-9g - 9) - 4(-5g + 9)$
 $-16g - 72$

4. $5(4s + 4) - 6(4s - 4)$
 $-4s + 44$

5. $4(-7) - 8(9f + 2)$
 $-72f - 44$

6. $3(-8t - 4) - 4(-6t)$
 -12

7. $-9(-4h - 4) + 5(6h - 3)$
 $66h + 21$

8. $-7(4q - 3) - 8(-7q - 3)$
 $28q + 45$

9. $5(6z + 4) - 5(3z - 1)$
 $15z + 25$

10. $6(-6p + 4) - 6(6p - 7)$
 $-72p + 66$