

Adding & Subtracting Linear Expressions (F)

Simplify each expression.

1. $-8(2g - 2) - 4(-2g - 7)$

2. $9(-3w + 1) - 6(-3w + 4)$

3. $(2t + 3) - (9t - 1)$

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

5. $8(-2k + 5) + 4(-4k + 1)$

6. $4(-2z + 5) - (4z + 9)$

7. $9(h - 6) + 2(7h + 7)$

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

9. $(-8x - 5) + 9(9x + 8)$

10. $(-6n - 8) + 3(2n - 5)$

Adding & Subtracting Linear Expressions (F) Answers

Simplify each expression.

1. $-8(2g - 2) - 4(-2g - 7)$
 $-8g + 44$

2. $9(-3w + 1) - 6(-3w + 4)$
 $-9w - 15$

3. $(2t + 3) - (9t - 1)$
 $-7t + 4$

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

5. $8(-2k + 5) + 4(-4k + 1)$
 $-32k + 44$

6. $4(-2z + 5) - (4z + 9)$
 $-12z + 11$

7. $9(h - 6) + 2(7h + 7)$
 $23h - 40$

8. $(9w + 4) - (-6w - 9)$
 $15w + 13$

9. $(-8x - 5) + 9(9x + 8)$
 $73x + 67$

10. $(-6n - 8) + 3(2n - 5)$
 -23