

Adding Linear Expressions (I)

Simplify each expression.

1. $4(9g + 2) + 8(-6g - 6)$

2. $9(-3h + 8) + 2(4h - 9)$

3. $4(k - 3) + 6(-4k + 3)$

4. $7(-3n + 2) + 3(-4n - 9)$

5. $9(h - 8) + 2(h - 4)$

6. $-5(3n - 2) + 3(-7n + 9)$

7. $3(3w + 4) + 8(6w + 2)$

8. $3(-5q) + 4(5q + 2)$

9. $-4(-4y - 5) + 4(6y - 5)$

10. $-6(8k - 3) + 7(-2k + 8)$

Adding Linear Expressions (I) Answers

Simplify each expression.

1. $4(9g + 2) + 8(-6g - 6)$
 $-12g - 40$

2. $9(-3h + 8) + 2(4h - 9)$
 $-19h + 54$

3. $4(k - 3) + 6(-4k + 3)$
 $-20k + 6$

4. $7(-3n + 2) + 3(-4n - 9)$
 $-33n - 13$

5. $9(h - 8) + 2(h - 4)$
 $11h - 80$

6. $-5(3n - 2) + 3(-7n + 9)$
 $-36n + 37$

7. $3(3w + 4) + 8(6w + 2)$
 $57w + 28$

8. $3(-5q) + 4(5q + 2)$
 $5q + 8$

9. $-4(-4y - 5) + 4(6y - 5)$
 $40y$

10. $-6(8k - 3) + 7(-2k + 8)$
 $-62k + 74$