

Adding Linear Expressions (E)

Simplify each expression.

1. $3(-3w - 8) + 3(-8w + 2)$

2. $3(r + 5) + 5(r + 6)$

3. $-8(9v + 4) + 4(v + 3)$

4. $-(4q + 6) + 3(6q - 5)$

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

6. $5(-9c + 8) + 8(7c - 6)$

7. $4(-7m - 4) + 4(-8m + 4)$

8. $3(3t + 1) + 6(-6t)$

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

10. $3(8h + 8) + 7(-5h + 3)$

Adding Linear Expressions (E) Answers

Simplify each expression.

1. $3(-3w - 8) + 3(-8w + 2)$

$-33w - 18$

2. $3(r + 5) + 5(r + 6)$

$8r + 45$

3. $-8(9v + 4) + 4(v + 3)$

$-68v - 20$

4. $-(4q + 6) + 3(6q - 5)$

$14q - 21$

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

$-24q + 6$

6. $5(-9c + 8) + 8(7c - 6)$

$11c - 8$

7. $4(-7m - 4) + 4(-8m + 4)$

$-60m$

8. $3(3t + 1) + 6(-6t)$

$-27t + 3$

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

$22s$

10. $3(8h + 8) + 7(-5h + 3)$

$-11h + 45$