

Simplifying Linear Expressions (F)

Simplify each expression by combining like terms.

1. $-2x - 5x + 7x + 2 - 9 + 2 + 7x + 2x + 9x$

2. $3 + 3 - 4f - 6f + 3f + 5f$

3. $-9 + 7s - 1 - 9 - 8 - 6s - 7s - 9s - 9 + 2$

4. $5m - m + m + 4 - 7m - 4 - 3m$

5. $-3 - 6 + 6y + 1 - 8y + 7y$

6. $6 + 3 - 4m - 7 - 6m - 7m + 2m + 9m$

7. $-9 + 5 + 7b + 2b + 2b - 9b$

8. $-3a + 3 - 6 + 1 + 1 + 3$

9. $c + 7c - 2 - 9 + 6c + 3 + 4c - 9$

10. $-7 + 5 + r + 1 - 2 + 9 + 5r - 2r + 9 + r$

Simplifying Linear Expressions (F) Answers

Simplify each expression by combining like terms.

1. $-2x - 5x + 7x + 2 - 9 + 2 + 7x + 2x + 9x$
 $= 18x - 5$

2. $3 + 3 - 4f - 6f + 3f + 5f$
 $= -2f + 6$

3. $-9 + 7s - 1 - 9 - 8 - 6s - 7s - 9s - 9 + 2$
 $= -15s - 34$

4. $5m - m + m + 4 - 7m - 4 - 3m$
 $= -5m$

5. $-3 - 6 + 6y + 1 - 8y + 7y$
 $= 5y - 8$

6. $6 + 3 - 4m - 7 - 6m - 7m + 2m + 9m$
 $= -6m + 2$

7. $-9 + 5 + 7b + 2b + 2b - 9b$
 $= 2b - 4$

8. $-3a + 3 - 6 + 1 + 1 + 3$
 $= -3a + 2$

9. $c + 7c - 2 - 9 + 6c + 3 + 4c - 9$
 $= 18c - 17$

10. $-7 + 5 + r + 1 - 2 + 9 + 5r - 2r + 9 + r$
 $= 5r + 15$