

Simplifying Linear Expressions (G)

Simplify each expression by combining like terms.

1. $3 - 4t + 8t + 4 + 7 - 7 - 3 + 6 + 2t + 4$

2. $7a + 6 - 4a + 7a - 2 - 9 + 9 - a - 5a + 5$

3. $-3 - 4 - 3a + 2a - 5a - 3 + 8 - 5$

4. $3 + 3 - 7v - 2 - 3v + 1 + 4$

5. $-5h - 3h - 7 - 5 + 3h + 8 - 6h + 4h - h$

6. $-5t + t + 5 - 8t - 5t - 9 - 4 + 2$

7. $1 - 2c + 7c - 2c - 9 - 9$

8. $7 + 2f + 7 - 6f - 8f - 6f - 8f + 8 - 4f - 1$

9. $6j - 6j - j - 6 + 7j + j$

10. $-4 - 6m + 9 + 4m - 3 - 9$

Simplifying Linear Expressions (G) Answers

Simplify each expression by combining like terms.

1. $3 - 4t + 8t + 4 + 7 - 7 - 3 + 6 + 2t + 4$
 $= 6t + 14$

2. $7a + 6 - 4a + 7a - 2 - 9 + 9 - a - 5a + 5$
 $= 4a + 9$

3. $-3 - 4 - 3a + 2a - 5a - 3 + 8 - 5$
 $= -6a - 7$

4. $3 + 3 - 7v - 2 - 3v + 1 + 4$
 $= -10v + 9$

5. $-5h - 3h - 7 - 5 + 3h + 8 - 6h + 4h - h$
 $= -8h - 4$

6. $-5t + t + 5 - 8t - 5t - 9 - 4 + 2$
 $= -17t - 6$

7. $1 - 2c + 7c - 2c - 9 - 9$
 $= 3c - 17$

8. $7 + 2f + 7 - 6f - 8f - 6f - 8f + 8 - 4f - 1$
 $= -30f + 21$

9. $6j - 6j - j - 6 + 7j + j$
 $= 7j - 6$

10. $-4 - 6m + 9 + 4m - 3 - 9$
 $= -2m - 7$