

Simplifying Linear Expressions (E)

Simplify each expression by combining like terms.

1. $3y + 6 + 8y + 8$

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

3. $7 + 8g + 2 - 2g$

4. $-3 - 9b - 4b - 3b$

5. $3 + 7j + 4j + 6j$

6. $-3 + 6 - 4r + 7$

7. $-8z + 6z + 3z + 4$

8. $-9f - 4f - 9f + 2$

9. $4f - 2f + 2 + 2$

10. $-3 + 4 + 9t + 1$

Simplifying Linear Expressions (E) Answers

Simplify each expression by combining like terms.

$$\begin{aligned} 1. & 3y + 6 + 8y + 8 \\ & = 11y + 14 \end{aligned}$$

$$\begin{aligned} 2. & -3 + 5 + 5f + 6 \\ & = 5f + 8 \end{aligned}$$

$$\begin{aligned} 3. & 7 + 8g + 2 - 2g \\ & = 6g + 9 \end{aligned}$$

$$\begin{aligned} 4. & -3 - 9b - 4b - 3b \\ & = -16b - 3 \end{aligned}$$

$$\begin{aligned} 5. & 3 + 7j + 4j + 6j \\ & = 17j + 3 \end{aligned}$$

$$\begin{aligned} 6. & -3 + 6 - 4r + 7 \\ & = -4r + 10 \end{aligned}$$

$$\begin{aligned} 7. & -8z + 6z + 3z + 4 \\ & = z + 4 \end{aligned}$$

$$\begin{aligned} 8. & -9f - 4f - 9f + 2 \\ & = -22f + 2 \end{aligned}$$

$$\begin{aligned} 9. & 4f - 2f + 2 + 2 \\ & = 2f + 4 \end{aligned}$$

$$\begin{aligned} 10. & -3 + 4 + 9t + 1 \\ & = 9t + 2 \end{aligned}$$