

Simplifying Linear Expressions (J)

Simplify each expression by combining like terms.

1. $-5 + 7w + 6 - 4w$

2. $3j - 3 - 8j + 5j$

3. $-5v - 3v - 3 - 2v$

4. $5c + 4c - 8c + 3c$

5. $6 + 6p + 5 + 8p$

6. $6a - 2a - 6 + 8$

7. $2y + 2y + 3y + 3y$

8. $2 - 9d - 2 + 8d$

9. $-5p - 6p - 4p - 4p$

10. $9g + 8 - 5g - 2g$

Simplifying Linear Expressions (J) Answers

Simplify each expression by combining like terms.

$$\begin{aligned} 1. & -5 + 7w + 6 - 4w \\ & = 3w + 1 \end{aligned}$$

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

$$\begin{aligned} 3. & -5v - 3v - 3 - 2v \\ & = -10v - 3 \end{aligned}$$

$$\begin{aligned} 4. & 5c + 4c - 8c + 3c \\ & = 4c \end{aligned}$$

$$\begin{aligned} 5. & 6 + 6p + 5 + 8p \\ & = 14p + 11 \end{aligned}$$

$$\begin{aligned} 6. & 6a - 2a - 6 + 8 \\ & = 4a + 2 \end{aligned}$$

$$\begin{aligned} 7. & 2y + 2y + 3y + 3y \\ & = 10y \end{aligned}$$

$$\begin{aligned} 8. & 2 - 9d - 2 + 8d \\ & = -d \end{aligned}$$

$$\begin{aligned} 9. & -5p - 6p - 4p - 4p \\ & = -19p \end{aligned}$$

$$\begin{aligned} 10. & 9g + 8 - 5g - 2g \\ & = 2g + 8 \end{aligned}$$