

# Simplifying Linear Expressions (F)

Simplify each expression by combining like terms.

1.  $-5 - 4 - 8a + 7a - 3$

2.  $-3x - x - x - x - 8x$

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

4.  $4 + 7h + 4h - 8h + h$

5.  $-6 + 4b - 6 - 3b + 3b$

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

7.  $-2f + 9f - 9 + 3f - 7f$

8.  $-4b - 1 - 5b + 3 + 6$

9.  $-5w + 5w + w + 9w + 8$

10.  $4v + 9v + 8v - 1 + 5$

# Simplifying Linear Expressions (F) Answers

Simplify each expression by combining like terms.

$$\begin{aligned} 1. & -5 - 4 - 8a + 7a - 3 \\ & = -a - 12 \end{aligned}$$

$$\begin{aligned} 2. & -3x - x - x - x - 8x \\ & = -14x \end{aligned}$$

$$\begin{aligned} 3. & -m - 6 + 6m - 1 - 8m \\ & = -3m - 7 \end{aligned}$$

$$\begin{aligned} 4. & 4 + 7h + 4h - 8h + h \\ & = 4h + 4 \end{aligned}$$

$$\begin{aligned} 5. & -6 + 4b - 6 - 3b + 3b \\ & = 4b - 12 \end{aligned}$$

$$\begin{aligned} 6. & -5h + 3h + 5h - 8 - 5 \\ & = 3h - 13 \end{aligned}$$

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

$$\begin{aligned} 8. & -4b - 1 - 5b + 3 + 6 \\ & = -9b + 8 \end{aligned}$$

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

$$\begin{aligned} 10. & 4v + 9v + 8v - 1 + 5 \\ & = 21v + 4 \end{aligned}$$