

Simplifying Linear Expressions (H)

Simplify each expression by combining like terms.

1. $-2 - 8 - n + 7$

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

3. $-4 + 3x - 9x - 8x$

4. $-p - 8p - 2 - 6$

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

6. $3 + 7n + 4 - 1$

7. $-6 + 6y - 3y - 3$

8. $7 - 6q - 4q + 2$

9. $8a - 9a + 3a + 6$

10. $s - 8s + 2s + 7s$

Simplifying Linear Expressions (H) Answers

Simplify each expression by combining like terms.

$$\begin{aligned} 1. & -2 - 8 - n + 7 \\ & = -n - 3 \end{aligned}$$

$$\begin{aligned} 2. & -4m + 9m + 7m + 4m \\ & = 16m \end{aligned}$$

$$\begin{aligned} 3. & -4 + 3x - 9x - 8x \\ & = -14x - 4 \end{aligned}$$

$$\begin{aligned} 4. & -p - 8p - 2 - 6 \\ & = -9p - 8 \end{aligned}$$

$$\begin{aligned} 5. & -5p - 6p - 9 - 5p \\ & = -16p - 9 \end{aligned}$$

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

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

$$\begin{aligned} 8. & 7 - 6q - 4q + 2 \\ & = -10q + 9 \end{aligned}$$

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

$$\begin{aligned} 10. & s - 8s + 2s + 7s \\ & = 2s \end{aligned}$$