

Simplifying Linear Expressions (A)

Simplify each expression by combining like terms.

1. $-7d - 3 + 3d - 4d - 4d$

2. $-3 + 2r + 7r + 4 + 8r$

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

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

5. $-3m - 1 + m - 5m - 2m$

6. $2z - 7 - 8z + 9z + 9$

7. $-1 - 9n + 8n + 7 - 7$

8. $-8r - 2r + 3r - r + 3$

9. $8w - 6w + 5 + 5 - 1$

10. $3h - 3h + 7h + 8h + 3$

Simplifying Linear Expressions (A) Answers

Simplify each expression by combining like terms.

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

$$\begin{aligned} 2. & -3 + 2r + 7r + 4 + 8r \\ & = 17r + 1 \end{aligned}$$

$$\begin{aligned} 3. & -4 - 8 + 3h - 8h - 5h \\ & = -10h - 12 \end{aligned}$$

$$\begin{aligned} 4. & 8r + 9 - 4r - 3r - 8r \\ & = -7r + 9 \end{aligned}$$

$$\begin{aligned} 5. & -3m - 1 + m - 5m - 2m \\ & = -9m - 1 \end{aligned}$$

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

$$\begin{aligned} 7. & -1 - 9n + 8n + 7 - 7 \\ & = -n - 1 \end{aligned}$$

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

$$\begin{aligned} 9. & 8w - 6w + 5 + 5 - 1 \\ & = 2w + 9 \end{aligned}$$

$$\begin{aligned} 10. & 3h - 3h + 7h + 8h + 3 \\ & = 15h + 3 \end{aligned}$$