

Simplification d'Expressions (D)

Simplifiez chaque expression.

1. $-8 - 1 + 7y^2 + 10y$

6. $-3v^2 + 5 + 1 + 1$

2. $2 + c + 1 - 4c^2$

7. $-x + 3x^2 - x + 3x^2$

3. $1 + z - z^2 + 9$

8. $-a^2 - 10a^2 - a^2 + 4$

4. $-b + 1 + 1 + 1$

9. $-5c + c + c^2 + c$

5. $v^2 - 8v^2 + v + 6$

10. $6a + 4a + 5a + 3a^2$

Simplification d'Expressions (D) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & -8 - 1 + 7y^2 + 10y \\ & = 7y^2 + 10y - 9 \end{aligned}$$

$$\begin{aligned} 6. & -3v^2 + 5 + 1 + 1 \\ & = -3v^2 + 7 \end{aligned}$$

$$\begin{aligned} 2. & 2 + c + 1 - 4c^2 \\ & = -4c^2 + c + 3 \end{aligned}$$

$$\begin{aligned} 7. & -x + 3x^2 - x + 3x^2 \\ & = 6x^2 - 2x \end{aligned}$$

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

$$\begin{aligned} 8. & -a^2 - 10a^2 - a^2 + 4 \\ & = -12a^2 + 4 \end{aligned}$$

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

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

$$\begin{aligned} 5. & v^2 - 8v^2 + v + 6 \\ & = -7v^2 + v + 6 \end{aligned}$$

$$\begin{aligned} 10. & 6a + 4a + 5a + 3a^2 \\ & = 3a^2 + 15a \end{aligned}$$