

Simplification d'Expressions (J)

Simplifiez chaque expression.

1. $a^2 - 9a - a - 9a - 3 + 8$

6. $-a + 2y - a - y^2 + ay + 2y$

2. $a^2 + 4a + a + a + a^2 + 1$

7. $4b^2 - 6b - 2b + 4 + b^2 + c^2$

3. $10y - 6v - y - y + v^2 + 9$

8. $-bx - 8x - b + 3 - x^2 + x^2$

4. $v - cv - 2 - 8v + c + 4$

9. $1 + 10y + 4ay - a - 1 - y^2$

5. $1 + 9c^2 - 10c - 9c + 1 + 7z$

10. $1 + 9u + 1 + u + 9b - 10b$

Simplification d'Expressions (J) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & a^2 - 9a - a - 9a - 3 + 8 \\ & = a^2 - 19a + 5 \end{aligned}$$

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

$$\begin{aligned} 2. & a^2 + 4a + a + a + a^2 + 1 \\ & = 2a^2 + 6a + 1 \end{aligned}$$

$$\begin{aligned} 7. & 4b^2 - 6b - 2b + 4 + b^2 + c^2 \\ & = 5b^2 + c^2 - 8b + 4 \end{aligned}$$

$$\begin{aligned} 3. & 10y - 6v - y - y + v^2 + 9 \\ & = v^2 + 8y - 6v + 9 \end{aligned}$$

$$\begin{aligned} 8. & -bx - 8x - b + 3 - x^2 + x^2 \\ & = -bx - 8x - b + 3 \end{aligned}$$

$$\begin{aligned} 4. & v - cv - 2 - 8v + c + 4 \\ & = -cv - 7v + c + 2 \end{aligned}$$

$$\begin{aligned} 9. & 1 + 10y + 4ay - a - 1 - y^2 \\ & = 4ay - y^2 + 10y - a \end{aligned}$$

$$\begin{aligned} 5. & 1 + 9c^2 - 10c - 9c + 1 + 7z \\ & = 9c^2 - 19c + 7z + 2 \end{aligned}$$

$$\begin{aligned} 10. & 1 + 9u + 1 + u + 9b - 10b \\ & = 10u - b + 2 \end{aligned}$$