

Simplification d'Expressions (C)

Simplifiez chaque expression.

1. $1 + 8x + 5 - x^2 + x$

6. $5z + z + 6 - 1 - z$

2. $-9vz + 6z + 6 + v - 8$

7. $cu + 8 + 1 - u - 1$

3. $-10az - a + az - a^2 + 8z^2$

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

4. $5z + z + 9uz - 5uz + z$

9. $6 + 1 + 10x^2 - 1 + 3x^2$

5. $b^2 - b - 4bc + b^2 + 10c$

10. $9b - b - 7 - 4z^2 + 1$

Simplification d'Expressions (C) Solutions

Simplifiez chaque expression.

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

$$\begin{aligned} 6. \quad & 5z + z + 6 - 1 - z \\ & = 5z + 5 \end{aligned}$$

$$\begin{aligned} 2. \quad & -9vz + 6z + 6 + v - 8 \\ & = -9vz + 6z + v - 2 \end{aligned}$$

$$\begin{aligned} 7. \quad & cu + 8 + 1 - u - 1 \\ & = cu - u + 8 \end{aligned}$$

$$\begin{aligned} 3. \quad & -10az - a + az - a^2 + 8z^2 \\ & = -9az - a^2 + 8z^2 - a \end{aligned}$$

$$\begin{aligned} 8. \quad & 5 + 4z + 1 + a - 7z \\ & = -3z + a + 6 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5z + z + 9uz - 5uz + z \\ & = 4uz + 7z \end{aligned}$$

$$\begin{aligned} 9. \quad & 6 + 1 + 10x^2 - 1 + 3x^2 \\ & = 13x^2 + 6 \end{aligned}$$

$$\begin{aligned} 5. \quad & b^2 - b - 4bc + b^2 + 10c \\ & = 2b^2 - 4bc - b + 10c \end{aligned}$$

$$\begin{aligned} 10. \quad & 9b - b - 7 - 4z^2 + 1 \\ & = -4z^2 + 8b - 6 \end{aligned}$$