

Simplification d'Expressions (H)

Simplifiez chaque expression.

1. $1 - 1 + z + 5z^2$

6. $-x^2 + 4x + 8 + x^2$

2. $3y + 1 + y^2 - 1$

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

3. $-5u - u^2 + u^2 + u$

8. $-c + 1 + 3c^2 + c^2$

4. $2 + 9z^2 - z^2 + z$

9. $9 + 4c^2 - 10 + 7$

5. $-v^2 - 1 + 9v + v$

10. $-1 - 3v + 1 - 6v$

Simplification d'Expressions (H) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. \quad & 1 - 1 + z + 5z^2 \\ & = 5z^2 + z \end{aligned}$$

$$\begin{aligned} 6. \quad & -x^2 + 4x + 8 + x^2 \\ & = 4x + 8 \end{aligned}$$

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

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

$$\begin{aligned} 3. \quad & -5u - u^2 + u^2 + u \\ & = -4u \end{aligned}$$

$$\begin{aligned} 8. \quad & -c + 1 + 3c^2 + c^2 \\ & = 4c^2 - c + 1 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2 + 9z^2 - z^2 + z \\ & = 8z^2 + z + 2 \end{aligned}$$

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

$$\begin{aligned} 5. \quad & -v^2 - 1 + 9v + v \\ & = -v^2 + 10v - 1 \end{aligned}$$

$$\begin{aligned} 10. \quad & -1 - 3v + 1 - 6v \\ & = -9v \end{aligned}$$