

## Simplification d'Expressions (A)

Simplifiez chaque expression.

1.  $-1 + 8z + 8z + 1 + z^2$

6.  $-1 + v + u + 2 + uv$

2.  $a^2 + 5 + 5 + au - 2$

7.  $8v - 9v^2 + 8v + v^2 + 5v^2$

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

8.  $1 - b + 1 - 1 + bu$

4.  $-3au + a + 9 - 5u^2 - u^2$

9.  $1 - bc + c - 5 + 9b^2$

5.  $-x + 6 + 1 - vx - 10$

10.  $6v + v + v + 2v + 1$

## Simplification d'Expressions (A) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & -1 + 8z + 8z + 1 + z^2 \\ & = z^2 + 16z \end{aligned}$$

$$\begin{aligned} 6. & -1 + v + u + 2 + uv \\ & = uv + v + u + 1 \end{aligned}$$

$$\begin{aligned} 2. & a^2 + 5 + 5 + au - 2 \\ & = a^2 + au + 8 \end{aligned}$$

$$\begin{aligned} 7. & 8v - 9v^2 + 8v + v^2 + 5v^2 \\ & = -3v^2 + 16v \end{aligned}$$

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

$$\begin{aligned} 8. & 1 - b + 1 - 1 + bu \\ & = bu - b + 1 \end{aligned}$$

$$\begin{aligned} 4. & -3au + a + 9 - 5u^2 - u^2 \\ & = -3au - 6u^2 + a + 9 \end{aligned}$$

$$\begin{aligned} 9. & 1 - bc + c - 5 + 9b^2 \\ & = -bc + 9b^2 + c - 4 \end{aligned}$$

$$\begin{aligned} 5. & -x + 6 + 1 - vx - 10 \\ & = -vx - x - 3 \end{aligned}$$

$$\begin{aligned} 10. & 6v + v + v + 2v + 1 \\ & = 10v + 1 \end{aligned}$$