

## Simplification d'Expressions (C)

Simplifiez chaque expression.

1.  $-a + a^2 - a + 1$

6.  $y + 1 + 4y + 4y$

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

7.  $-z^2 - 1 - 6 - z^2$

3.  $2z^2 - 5 + z + 1$

8.  $7 + 2 - 10a^2 - 7$

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

9.  $-y^2 + 6y + y^2 + 5y^2$

5.  $b + 9b + b + 5b^2$

10.  $z + z + 1 + z$

## Simplification d'Expressions (C) Solutions

Simplifiez chaque expression.

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

$$\begin{aligned} 6. & y + 1 + 4y + 4y \\ & = 9y + 1 \end{aligned}$$

$$\begin{aligned} 2. & a^2 + 1 - 3 + 9 \\ & = a^2 + 7 \end{aligned}$$

$$\begin{aligned} 7. & -z^2 - 1 - 6 - z^2 \\ & = -2z^2 - 7 \end{aligned}$$

$$\begin{aligned} 3. & 2z^2 - 5 + z + 1 \\ & = 2z^2 + z - 4 \end{aligned}$$

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

$$\begin{aligned} 4. & 9c + c + c^2 + 7c \\ & = c^2 + 17c \end{aligned}$$

$$\begin{aligned} 9. & -y^2 + 6y + y^2 + 5y^2 \\ & = 5y^2 + 6y \end{aligned}$$

$$\begin{aligned} 5. & b + 9b + b + 5b^2 \\ & = 5b^2 + 11b \end{aligned}$$

$$\begin{aligned} 10. & z + z + 1 + z \\ & = 3z + 1 \end{aligned}$$