

## Simplification d'Expressions (F)

Simplifiez chaque expression.

1.  $y^2 + y + 6y + y$

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

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

7.  $a^2 + a^2 + 1 + 3a$

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

8.  $a^2 + 4a - a + 8a^2$

4.  $8c^2 + c - 3 + 1$

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

5.  $u + 4 + u^2 + 2$

10.  $6u - u + 2 + 1$

## Simplification d'Expressions (F) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & y^2 + y + 6y + y \\ & = y^2 + 8y \end{aligned}$$

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

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

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

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

$$\begin{aligned} 8. & a^2 + 4a - a + 8a^2 \\ & = 9a^2 + 3a \end{aligned}$$

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

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

$$\begin{aligned} 5. & u + 4 + u^2 + 2 \\ & = u^2 + u + 6 \end{aligned}$$

$$\begin{aligned} 10. & 6u - u + 2 + 1 \\ & = 5u + 3 \end{aligned}$$