

## Simplification d'Expressions (C)

Simplifiez chaque expression.

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

6.  $-y + \frac{y^2}{y} + y^2$

2.  $-\frac{x^4}{x^2} + x - x^2$

7.  $b^2 \cdot b \cdot (-7b^2) \cdot b$

3.  $-\frac{u^4}{-u^2} + u \cdot u^2$

8.  $\frac{9y^2}{9} - \frac{48y^3}{8y}$

4.  $-\frac{3a^2}{-a^2} + 5a + 5$

9.  $\frac{4x^4}{-4x^2} + 1 + 10x$

5.  $7z^2 + 5z + 10z^2 + z^2$

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

## Simplification d'Expressions (C) Solutions

Simplifiez chaque expression.

$$1. \begin{aligned} 10 - 9x^2 + x^2 + x \\ = -8x^2 + x + 10 \end{aligned}$$

$$6. \begin{aligned} -y + \frac{y^2}{y} + y^2 \\ = y^2 \end{aligned}$$

$$2. \begin{aligned} -\frac{x^4}{x^2} + x - x^2 \\ = -2x^2 + x \end{aligned}$$

$$7. \begin{aligned} b^2 \cdot b \cdot (-7b^2) \cdot b \\ = -7b^6 \end{aligned}$$

$$3. \begin{aligned} -\frac{u^4}{-u^2} + u \cdot u^2 \\ = u^3 + u^2 \end{aligned}$$

$$8. \begin{aligned} \frac{9y^2}{9} - \frac{48y^3}{8y} \\ = -5y^2 \end{aligned}$$

$$4. \begin{aligned} -\frac{3a^2}{-a^2} + 5a + 5 \\ = 5a + 8 \end{aligned}$$

$$9. \begin{aligned} \frac{4x^4}{-4x^2} + 1 + 10x \\ = -x^2 + 10x + 1 \end{aligned}$$

$$5. \begin{aligned} 7z^2 + 5z + 10z^2 + z^2 \\ = 18z^2 + 5z \end{aligned}$$

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