

## Simplification d'Expressions (C)

Simplifiez chaque expression.

1.  $\frac{8}{8} \cdot 5 \cdot (-3b^2) \cdot b^2$

6.  $2y \cdot (-1) - xy - \frac{10}{-1}$

2.  $5y^2 - 9y \cdot (-y) \cdot (-3yz) + 5z^2$

7.  $10x - 1 + 1 - 8x + 8$

3.  $2 + 4cu - u - \frac{10c}{-c}$

8.  $bz - 6bz - bz + bz + 5b$

4.  $7 - u \cdot uz + uz + uz$

9.  $-5 \cdot \left(-\frac{3ay}{y}\right) + \frac{10}{-10}$

5.  $\frac{5u}{5u} + u + x - x^2$

10.  $-\frac{6u^2}{-u} - 4x^2 + \frac{10u^2}{10u}$

## Simplification d'Expressions (C) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. \quad & \frac{8}{8} \cdot 5 \cdot (-3b^2) \cdot b^2 \\ & = -15b^4 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2y \cdot (-1) - xy - \frac{10}{-1} \\ & = -xy - 2y + 10 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5y^2 - 9y \cdot (-y) \cdot (-3yz) + 5z^2 \\ & = -27y^3z + 5y^2 + 5z^2 \end{aligned}$$

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

$$\begin{aligned} 3. \quad & 2 + 4cu - u - \frac{10c}{-c} \\ & = 4cu - u + 12 \end{aligned}$$

$$\begin{aligned} 8. \quad & bz - 6bz - bz + bz + 5b \\ & = -5bz + 5b \end{aligned}$$

$$\begin{aligned} 4. \quad & 7 - u \cdot uz + uz + uz \\ & = -u^2z + 2uz + 7 \end{aligned}$$

$$\begin{aligned} 9. \quad & -5 \cdot \left( -\frac{3ay}{y} \right) + \frac{10}{-10} \\ & = 15a - 1 \end{aligned}$$

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

$$\begin{aligned} 10. \quad & -\frac{6u^2}{-u} - 4x^2 + \frac{10u^2}{10u} \\ & = -4x^2 + 7u \end{aligned}$$