

## Simplification d'Expressions (I)

Simplifiez chaque expression.

1.  $-3uy + u + \frac{y^2}{y}$

6.  $7 + x + y + 7$

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

7.  $\frac{2x^2}{2x^2} - 4u + 1$

3.  $x^2 - 1 + 8 + a$

8.  $\frac{7a^2u^2}{7u^2 \cdot a} \cdot 9$

4.  $-\frac{2by^2}{-y} + 7y + 9b$

9.  $-vy \cdot (-y) \cdot vy - y^2$

5.  $-6u + \frac{36u^6}{6u^2 \cdot u^2}$

10.  $b + 3b^2 - 1 \cdot (-1)$

## Simplification d'Expressions (I) Solutions

Simplifiez chaque expression.

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

$$\begin{aligned} 6. \quad & 7 + x + y + 7 \\ & = x + y + 14 \end{aligned}$$

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

$$\begin{aligned} 7. \quad & \frac{2x^2}{2x^2} - 4u + 1 \\ & = -4u + 2 \end{aligned}$$

$$\begin{aligned} 3. \quad & x^2 - 1 + 8 + a \\ & = x^2 + a + 7 \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{7a^2u^2}{7u^2 \cdot a} \cdot 9 \\ & = 9a \end{aligned}$$

$$\begin{aligned} 4. \quad & -\frac{2by^2}{-y} + 7y + 9b \\ & = 2by + 7y + 9b \end{aligned}$$

$$\begin{aligned} 9. \quad & -vy \cdot (-y) \cdot vy - y^2 \\ & = v^2y^3 - y^2 \end{aligned}$$

$$\begin{aligned} 5. \quad & -6u + \frac{36u^6}{6u^2 \cdot u^2} \\ & = 6u^2 - 6u \end{aligned}$$

$$\begin{aligned} 10. \quad & b + 3b^2 - 1 \cdot (-1) \\ & = 3b^2 + b + 1 \end{aligned}$$