

## Simplification d'Expressions (J)

Simplifiez chaque expression.

1.  $2b - b^2 \cdot (-b) - b^2$

6.  $-10c - c - 1 + c^2$

2.  $z + 4z + 3z + 10z$

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

3.  $\frac{7a^3}{a^2} + a \cdot a^2$

8.  $z^2 \cdot 3z^2 + \frac{8z^2}{8z^2}$

4.  $-b^2 \cdot \left( -\frac{14b}{-2b \cdot 7} \right)$

9.  $-5a^2 + 2a + a^2 + 4$

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

10.  $-\frac{3v^2}{3v} - 1 \cdot 2$

## Simplification d'Expressions (J) Solutions

Simplifiez chaque expression.

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

$$\begin{aligned} 6. & -10c - c - 1 + c^2 \\ & = c^2 - 11c - 1 \end{aligned}$$

$$\begin{aligned} 2. & z + 4z + 3z + 10z \\ & = 18z \end{aligned}$$

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

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

$$\begin{aligned} 8. & z^2 \cdot 3z^2 + \frac{8z^2}{8z^2} \\ & = 3z^4 + 1 \end{aligned}$$

$$\begin{aligned} 4. & -b^2 \cdot \left( -\frac{14b}{-2b \cdot 7} \right) \\ & = -b^2 \end{aligned}$$

$$\begin{aligned} 9. & -5a^2 + 2a + a^2 + 4 \\ & = -4a^2 + 2a + 4 \end{aligned}$$

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

$$\begin{aligned} 10. & -\frac{3v^2}{3v} - 1 \cdot 2 \\ & = -v - 2 \end{aligned}$$