

Simplification d'Expressions (J)

Simplifiez chaque expression.

1. $7av + a - 6 - \frac{av^2}{v^2}$

6. $yz + 5 + 2z^2 + \frac{y^2}{y^2}$

2. $3 \cdot (-u) + 10 \cdot (-uz) - z$

7. $\frac{cu^2}{-c} - \frac{1}{-1} \cdot u$

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

8. $z^2 + \frac{9x^2z}{9xz} \cdot z - z$

4. $-\frac{u}{-1} + 5 - 1 - 6u^2$

9. $9z^2 \cdot 8z \cdot 2b^2 + \frac{8bz^2}{8z^2}$

5. $4c^2 + \frac{5c^2x}{5cx} + 4x^2 + x$

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

Simplification d'Expressions (J) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. \quad & 7av + a - 6 - \frac{av^2}{v^2} \\ & = 7av - 6 \end{aligned}$$

$$\begin{aligned} 6. \quad & yz + 5 + 2z^2 + \frac{y^2}{y^2} \\ & = yz + 2z^2 + 6 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3 \cdot (-u) + 10 \cdot (-uz) - z \\ & = -10uz - 3u - z \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{cu^2}{-c} - \frac{1}{-1} \cdot u \\ & = -u^2 + u \end{aligned}$$

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

$$\begin{aligned} 8. \quad & z^2 + \frac{9x^2z}{9xz} \cdot z - z \\ & = z^2 + xz - z \end{aligned}$$

$$\begin{aligned} 4. \quad & -\frac{u}{-1} + 5 - 1 - 6u^2 \\ & = -6u^2 + u + 4 \end{aligned}$$

$$\begin{aligned} 9. \quad & 9z^2 \cdot 8z \cdot 2b^2 + \frac{8bz^2}{8z^2} \\ & = 144b^2z^3 + b \end{aligned}$$

$$\begin{aligned} 5. \quad & 4c^2 + \frac{5c^2x}{5cx} + 4x^2 + x \\ & = 4c^2 + 4x^2 + c + x \end{aligned}$$

$$\begin{aligned} 10. \quad & -\frac{10y^2}{10y^2} - y^2 + 4y + 9y^2 \\ & = 8y^2 + 4y - 1 \end{aligned}$$