

Simplification d'Expressions (F)

Simplifiez chaque expression.

1. $-\frac{2uz}{2uz} + a \cdot 9a \cdot (-u) + a \cdot (-a^2) - 1$

2. $9 + 9b + 10v^2 + bv - vz + v + 5v + v^2$

3. $vx + 6 + y + \frac{3xy}{-3y} + v - 5xy + 1$

4. $-a \cdot \frac{8z}{z} + 9bx + a + 7b - xz + 1$

5. $-1 - 7y^2 + xy - \frac{5vy}{5} - 8 + 6xy - 7v$

Simplification d'Expressions (F) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & -\frac{2uz}{2uz} + a \cdot 9a \cdot (-u) + a \cdot (-a^2) - 1 \\ & = -9a^2u - a^3 - 2 \end{aligned}$$

$$\begin{aligned} 2. & 9 + 9b + 10v^2 + bv - vz + v + 5v + v^2 \\ & = 11v^2 + bv - vz + 9b + 6v + 9 \end{aligned}$$

$$\begin{aligned} 3. & vx + 6 + y + \frac{3xy}{-3y} + v - 5xy + 1 \\ & = vx - 5xy + y - x + v + 7 \end{aligned}$$

$$\begin{aligned} 4. & -a \cdot \frac{8z}{z} + 9bx + a + 7b - xz + 1 \\ & = 9bx - xz - 7a + 7b + 1 \end{aligned}$$

$$\begin{aligned} 5. & -1 - 7y^2 + xy - \frac{5vy}{5} - 8 + 6xy - 7v \\ & = -7y^2 + 7xy - vy - 7v - 9 \end{aligned}$$