

Simplification d'Expressions (F)

Simplifiez chaque expression.

1. $2v - 6a + a + a + 10$

6. $\frac{7b}{7b} - \frac{3bc}{-3c} \cdot c$

2. $-1 + 1 + 3u + u - 7u^2$

7. $1 - 3 + \frac{10a^4}{10a^2} + 4a$

3. $-10x + x^2 + u + 5x + u^2$

8. $-7vy + y^2 - v^2 + vy + 2v^2$

4. $\frac{2vz}{2v} + 8v + \frac{5vz}{-v}$

9. $6a + 1 + 5z + z - 1$

5. $1 - b^2 + 9 + 2b + b$

10. $-\frac{20}{5} - \frac{4x^2}{-4x} - 6ux$

Simplification d'Expressions (F) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. \quad & 2v - 6a + a + a + 10 \\ & = 2v - 4a + 10 \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{7b}{7b} - \frac{3bc}{-3c} \cdot c \\ & = bc + 1 \end{aligned}$$

$$\begin{aligned} 2. \quad & -1 + 1 + 3u + u - 7u^2 \\ & = -7u^2 + 4u \end{aligned}$$

$$\begin{aligned} 7. \quad & 1 - 3 + \frac{10a^4}{10a^2} + 4a \\ & = a^2 + 4a - 2 \end{aligned}$$

$$\begin{aligned} 3. \quad & -10x + x^2 + u + 5x + u^2 \\ & = x^2 + u^2 - 5x + u \end{aligned}$$

$$\begin{aligned} 8. \quad & -7vy + y^2 - v^2 + vy + 2v^2 \\ & = -6vy + y^2 + v^2 \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{2vz}{2v} + 8v + \frac{5vz}{-v} \\ & = -4z + 8v \end{aligned}$$

$$\begin{aligned} 9. \quad & 6a + 1 + 5z + z - 1 \\ & = 6a + 6z \end{aligned}$$

$$\begin{aligned} 5. \quad & 1 - b^2 + 9 + 2b + b \\ & = -b^2 + 3b + 10 \end{aligned}$$

$$\begin{aligned} 10. \quad & -\frac{20}{5} - \frac{4x^2}{-4x} - 6ux \\ & = -6ux + x - 4 \end{aligned}$$