

Simplification d'Expressions (H)

Simplifiez chaque expression.

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

6. $-u - 10u + u^2 + 10u + 4x$

2. $-6 - bu - b^2 + 8 \cdot 9b$

7. $-\frac{48y^2}{-6} - 10 + \frac{4x^2}{-1}$

3. $2 + 9y^2 + 2 + a + y^2$

8. $-10b^2 \cdot 6 \cdot 7b \cdot (-1) \cdot 6b$

4. $z \cdot 3v^2 \cdot 3z^2 \cdot (-1) \cdot v$

9. $y \cdot 9z \cdot 4z^2 - \frac{3z^2}{3z}$

5. $\frac{v}{v} - 1 \cdot (-y^2) \cdot (-vy)$

10. $x + 1 + 6c + \frac{cx}{cx}$

Simplification d'Expressions (H) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. \quad & 10z + 3z + \frac{z^2}{z} + 4a \\ & = 14z + 4a \end{aligned}$$

$$\begin{aligned} 6. \quad & -u - 10u + u^2 + 10u + 4x \\ & = u^2 - u + 4x \end{aligned}$$

$$\begin{aligned} 2. \quad & -6 - bu - b^2 + 8 \cdot 9b \\ & = -bu - b^2 + 72b - 6 \end{aligned}$$

$$\begin{aligned} 7. \quad & -\frac{48y^2}{-6} - 10 + \frac{4x^2}{-1} \\ & = 8y^2 - 4x^2 - 10 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2 + 9y^2 + 2 + a + y^2 \\ & = 10y^2 + a + 4 \end{aligned}$$

$$\begin{aligned} 8. \quad & -10b^2 \cdot 6 \cdot 7b \cdot (-1) \cdot 6b \\ & = 2520b^4 \end{aligned}$$

$$\begin{aligned} 4. \quad & z \cdot 3v^2 \cdot 3z^2 \cdot (-1) \cdot v \\ & = -9v^3z^3 \end{aligned}$$

$$\begin{aligned} 9. \quad & y \cdot 9z \cdot 4z^2 - \frac{3z^2}{3z} \\ & = 36yz^3 - z \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{v}{v} - 1 \cdot (-y^2) \cdot (-vy) \\ & = -vy^3 + 1 \end{aligned}$$

$$\begin{aligned} 10. \quad & x + 1 + 6c + \frac{cx}{cx} \\ & = x + 6c + 2 \end{aligned}$$