

Simplification d'Expressions (J)

Simplifiez chaque expression.

$$1. -\frac{ax}{a} - \frac{3b^2}{b^2} - 6x^2 + \frac{6abx}{6ax} + 10b$$

$$2. -v - 7v^2 - \frac{6b}{6} - 1 - 4b + 1 - uv$$

$$3. -v^2 + 8 + 6y - y^2 + 5x - 2vy + vy - x$$

$$4. ac \cdot \frac{2a^3}{a^2} \cdot 8a^2 - \frac{5a^2}{a} + \frac{ac}{-ac}$$

$$5. 3ab + \frac{9ab^3}{b^2} + \frac{64abx}{-8a} + 1 + ab + 10ab$$

Simplification d'Expressions (J) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & -\frac{ax}{a} - \frac{3b^2}{b^2} - 6x^2 + \frac{6abx}{6ax} + 10b \\ & = -6x^2 - x + 11b - 3 \end{aligned}$$

$$\begin{aligned} 2. & -v - 7v^2 - \frac{6b}{6} - 1 - 4b + 1 - uv \\ & = -7v^2 - uv - v - 5b \end{aligned}$$

$$\begin{aligned} 3. & -v^2 + 8 + 6y - y^2 + 5x - 2vy + vy - x \\ & = -v^2 - y^2 - vy + 6y + 4x + 8 \end{aligned}$$

$$\begin{aligned} 4. & ac \cdot \frac{2a^3}{a^2} \cdot 8a^2 - \frac{5a^2}{a} + \frac{ac}{-ac} \\ & = 16a^4c - 5a - 1 \end{aligned}$$

$$\begin{aligned} 5. & 3ab + \frac{9ab^3}{b^2} + \frac{64abx}{-8a} + 1 + ab + 10ab \\ & = 23ab - 8bx + 1 \end{aligned}$$