

Simplification d'Expressions (J)

Simplifiez chaque expression.

1. $-ay - 3 + 1 - 7y + 3y$

6. $10 - 10a + 6 + 2a^2 + 2ax$

2. $9 + 1 - 2u + 4a + au$

7. $1 - 2b + 4b^2 + b - 5b^2$

3. $3y + 9by + 3y^2 + y + 5y$

8. $-2 + 1 + 1 + a^2 + au$

4. $4v^2 + 6 + 1 + 6z^2 + 9$

9. $8b^2 - y + 10b + 10b^2 + 1$

5. $-1 + 1 + 8 + 2 + uv$

10. $-7u^2 - 1 + 1 + 2 - 1$

Simplification d'Expressions (J) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & -ay - 3 + 1 - 7y + 3y \\ & = -ay - 4y - 2 \end{aligned}$$

$$\begin{aligned} 6. & 10 - 10a + 6 + 2a^2 + 2ax \\ & = 2a^2 + 2ax - 10a + 16 \end{aligned}$$

$$\begin{aligned} 2. & 9 + 1 - 2u + 4a + au \\ & = au - 2u + 4a + 10 \end{aligned}$$

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

$$\begin{aligned} 3. & 3y + 9by + 3y^2 + y + 5y \\ & = 9by + 3y^2 + 9y \end{aligned}$$

$$\begin{aligned} 8. & -2 + 1 + 1 + a^2 + au \\ & = a^2 + au \end{aligned}$$

$$\begin{aligned} 4. & 4v^2 + 6 + 1 + 6z^2 + 9 \\ & = 4v^2 + 6z^2 + 16 \end{aligned}$$

$$\begin{aligned} 9. & 8b^2 - y + 10b + 10b^2 + 1 \\ & = 18b^2 - y + 10b + 1 \end{aligned}$$

$$\begin{aligned} 5. & -1 + 1 + 8 + 2 + uv \\ & = uv + 10 \end{aligned}$$

$$\begin{aligned} 10. & -7u^2 - 1 + 1 + 2 - 1 \\ & = -7u^2 + 1 \end{aligned}$$