

Simplification d'Expressions (C)

Simplifiez chaque expression.

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

6. $1 + 1 + 1 - 4uv$

2. $5 + 6 + 6au - a$

7. $7 + 10a + 1 + az$

3. $1 - 4vy - 8y + 4vy$

8. $bx - 1 + x^2 - 3bx$

4. $1 + 1 + 7u + 1$

9. $2 + 8 + 10cu - cu$

5. $y + 6y + 9 - xy$

10. $u^2 + 6u + 3u^2 - 1$

Simplification d'Expressions (C) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. & -b^2 + 1 + u + 7 \\ & = -b^2 + u + 8 \end{aligned}$$

$$\begin{aligned} 6. & 1 + 1 + 1 - 4uv \\ & = -4uv + 3 \end{aligned}$$

$$\begin{aligned} 2. & 5 + 6 + 6au - a \\ & = 6au - a + 11 \end{aligned}$$

$$\begin{aligned} 7. & 7 + 10a + 1 + az \\ & = az + 10a + 8 \end{aligned}$$

$$\begin{aligned} 3. & 1 - 4vy - 8y + 4vy \\ & = -8y + 1 \end{aligned}$$

$$\begin{aligned} 8. & bx - 1 + x^2 - 3bx \\ & = -2bx + x^2 - 1 \end{aligned}$$

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

$$\begin{aligned} 9. & 2 + 8 + 10cu - cu \\ & = 9cu + 10 \end{aligned}$$

$$\begin{aligned} 5. & y + 6y + 9 - xy \\ & = -xy + 7y + 9 \end{aligned}$$

$$\begin{aligned} 10. & u^2 + 6u + 3u^2 - 1 \\ & = 4u^2 + 6u - 1 \end{aligned}$$