

Simplification d'Expressions (E)

Simplifiez chaque expression.

1. $4u + 2 - 6uv - 1 + u$

6. $5bc + c^2 - bc + bc + 3b^2$

2. $-z + z^2 + 9z - 10 + z^2$

7. $5v^2 - 1 + v - v^2 - av$

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

8. $-9 + 4c - c^2 - c^2 + c^2$

4. $5v + 1 + 8v + u^2 + 1$

9. $10c^2 + 8 - 2cu + 9cu + u$

5. $4 + 5c^2 + 3c + c + 6$

10. $1 + 4z + 10 - 9 - 10v$

Simplification d'Expressions (E) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. \quad & 4u + 2 - 6uv - 1 + u \\ & = -6uv + 5u + 1 \end{aligned}$$

$$\begin{aligned} 6. \quad & 5bc + c^2 - bc + bc + 3b^2 \\ & = 5bc + c^2 + 3b^2 \end{aligned}$$

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

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

$$\begin{aligned} 3. \quad & 1 + 1 + 10 + u^2 - 1 \\ & = u^2 + 11 \end{aligned}$$

$$\begin{aligned} 8. \quad & -9 + 4c - c^2 - c^2 + c^2 \\ & = -c^2 + 4c - 9 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5v + 1 + 8v + u^2 + 1 \\ & = u^2 + 13v + 2 \end{aligned}$$

$$\begin{aligned} 9. \quad & 10c^2 + 8 - 2cu + 9cu + u \\ & = 10c^2 + 7cu + u + 8 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4 + 5c^2 + 3c + c + 6 \\ & = 5c^2 + 4c + 10 \end{aligned}$$

$$\begin{aligned} 10. \quad & 1 + 4z + 10 - 9 - 10v \\ & = 4z - 10v + 2 \end{aligned}$$