

Simplificar Expresiones (G)

Simplifique cada expresión.

1. $9u^2 + z + 1 - 3u^2 + 1$

6. $b^2 - 1 - u^2 - 4bu + 4u^2$

2. $6cu - 6u^2 + 5 + c - 2$

7. $-x + ax - 7a + 1 + 8$

3. $2a^2 - a + 3az + 3 + 2$

8. $xz - 5z^2 + 2xz + 2z - x^2$

4. $u - u^2 + uz - 10u^2 + 1$

9. $-4u^2 + 1 + u^2 + 3uv + v^2$

5. $-1 + v + 1 + v + v$

10. $9a + 10a + z + z - 10az$

Simplificar Expresiones (G) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. \quad & 9u^2 + z + 1 - 3u^2 + 1 \\ & = 6u^2 + z + 2 \end{aligned}$$

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

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

$$\begin{aligned} 7. \quad & -x + ax - 7a + 1 + 8 \\ & = ax - x - 7a + 9 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2a^2 - a + 3az + 3 + 2 \\ & = 2a^2 + 3az - a + 5 \end{aligned}$$

$$\begin{aligned} 8. \quad & xz - 5z^2 + 2xz + 2z - x^2 \\ & = 3xz - 5z^2 - x^2 + 2z \end{aligned}$$

$$\begin{aligned} 4. \quad & u - u^2 + uz - 10u^2 + 1 \\ & = -11u^2 + uz + u + 1 \end{aligned}$$

$$\begin{aligned} 9. \quad & -4u^2 + 1 + u^2 + 3uv + v^2 \\ & = -3u^2 + 3uv + v^2 + 1 \end{aligned}$$

$$\begin{aligned} 5. \quad & -1 + v + 1 + v + v \\ & = 3v \end{aligned}$$

$$\begin{aligned} 10. \quad & 9a + 10a + z + z - 10az \\ & = -10az + 19a + 2z \end{aligned}$$