

## Simplificar Expresiones (J)

Simplifique cada expresión.

1.  $-bu + u + 1 + 2b + 6u + 10b$

6.  $4u^2 - 3v^2 + 7 + 10uv + 1 - 2$

2.  $x + 8x^2 + 2xy + 8 - xy + 7x$

7.  $8c + c - 7c^2 - c + 3c^2 - 1$

3.  $x + 10 + ax + 1 + 10ax + 1$

8.  $10a + 1 + 9 + 4a - 2a + a^2$

4.  $9a - 1 - 10 - 4x^2 + 4x^2 - 4a^2$

9.  $3y + a + 6 + 1 + 1 + y$

5.  $-y^2 + 6y^2 - 10u + 6u + u + 9u$

10.  $2 + z + az + 6z + a + 2a$

## Simplificar Expresiones (J) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & -bu + u + 1 + 2b + 6u + 10b \\ & = -bu + 7u + 12b + 1 \end{aligned}$$

$$\begin{aligned} 6. & 4u^2 - 3v^2 + 7 + 10uv + 1 - 2 \\ & = 4u^2 - 3v^2 + 10uv + 6 \end{aligned}$$

$$\begin{aligned} 2. & x + 8x^2 + 2xy + 8 - xy + 7x \\ & = 8x^2 + xy + 8x + 8 \end{aligned}$$

$$\begin{aligned} 7. & 8c + c - 7c^2 - c + 3c^2 - 1 \\ & = -4c^2 + 8c - 1 \end{aligned}$$

$$\begin{aligned} 3. & x + 10 + ax + 1 + 10ax + 1 \\ & = 11ax + x + 12 \end{aligned}$$

$$\begin{aligned} 8. & 10a + 1 + 9 + 4a - 2a + a^2 \\ & = a^2 + 12a + 10 \end{aligned}$$

$$\begin{aligned} 4. & 9a - 1 - 10 - 4x^2 + 4x^2 - 4a^2 \\ & = -4a^2 + 9a - 11 \end{aligned}$$

$$\begin{aligned} 9. & 3y + a + 6 + 1 + 1 + y \\ & = 4y + a + 8 \end{aligned}$$

$$\begin{aligned} 5. & -y^2 + 6y^2 - 10u + 6u + u + 9u \\ & = 5y^2 + 6u \end{aligned}$$

$$\begin{aligned} 10. & 2 + z + az + 6z + a + 2a \\ & = az + 7z + 3a + 2 \end{aligned}$$