

## Simplificar Expresiones (A)

Simplifique cada expresión.

1.  $-a - a + 1$

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

2.  $-b + 10b + 1$

7.  $-5c^2 + 1 + 1$

3.  $1 - 5 + 9y$

8.  $1 + b + b$

4.  $2 + a - 8$

9.  $5u + 7 + u$

5.  $-c^2 + 9 - c^2$

10.  $a + 6a + 1$

## Simplificar Expresiones (A) Respuestas

Simplifique cada expresión.

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

$$\begin{aligned} 6. & -u^2 + u - 10u^2 \\ & = -11u^2 + u \end{aligned}$$

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

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

$$\begin{aligned} 3. & 1 - 5 + 9y \\ & = 9y - 4 \end{aligned}$$

$$\begin{aligned} 8. & 1 + b + b \\ & = 2b + 1 \end{aligned}$$

$$\begin{aligned} 4. & 2 + a - 8 \\ & = a - 6 \end{aligned}$$

$$\begin{aligned} 9. & 5u + 7 + u \\ & = 6u + 7 \end{aligned}$$

$$\begin{aligned} 5. & -c^2 + 9 - c^2 \\ & = -2c^2 + 9 \end{aligned}$$

$$\begin{aligned} 10. & a + 6a + 1 \\ & = 7a + 1 \end{aligned}$$

## Simplificar Expresiones (B)

Simplifique cada expresión.

1.  $5y^2 + 3y^2 + y$

6.  $a^2 + 6 + 3a^2$

2.  $3 + c^2 + 1$

7.  $-5y^2 + y - y$

3.  $-5z^2 + 2z^2 + 10z^2$

8.  $z + 4z^2 - 6z$

4.  $3 + 3 - b$

9.  $b + b^2 + b^2$

5.  $4b^2 - b - 6b$

10.  $6v + v - v$

## Simplificar Expresiones (B) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. \quad & 5y^2 + 3y^2 + y \\ & = 8y^2 + y \end{aligned}$$

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

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

$$\begin{aligned} 7. \quad & -5y^2 + y - y \\ & = -5y^2 \end{aligned}$$

$$\begin{aligned} 3. \quad & -5z^2 + 2z^2 + 10z^2 \\ & = 7z^2 \end{aligned}$$

$$\begin{aligned} 8. \quad & z + 4z^2 - 6z \\ & = 4z^2 - 5z \end{aligned}$$

$$\begin{aligned} 4. \quad & 3 + 3 - b \\ & = -b + 6 \end{aligned}$$

$$\begin{aligned} 9. \quad & b + b^2 + b^2 \\ & = 2b^2 + b \end{aligned}$$

$$\begin{aligned} 5. \quad & 4b^2 - b - 6b \\ & = 4b^2 - 7b \end{aligned}$$

$$\begin{aligned} 10. \quad & 6v + v - v \\ & = 6v \end{aligned}$$

## Simplificar Expresiones (C)

Simplifique cada expresión.

1.  $1 + 1 - 9a^2$

6.  $7 + 8v^2 + 7$

2.  $7a^2 + a - 10a^2$

7.  $7 - v^2 - 2v^2$

3.  $8u^2 - 5u^2 + u^2$

8.  $6x + x^2 + x$

4.  $c^2 - 5c + c^2$

9.  $u^2 - 7 - 9$

5.  $6 - 1 + u^2$

10.  $5 + 4 + 8x^2$

## Simplificar Expresiones (C) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. \quad & 1 + 1 - 9a^2 \\ & = -9a^2 + 2 \end{aligned}$$

$$\begin{aligned} 6. \quad & 7 + 8v^2 + 7 \\ & = 8v^2 + 14 \end{aligned}$$

$$\begin{aligned} 2. \quad & 7a^2 + a - 10a^2 \\ & = -3a^2 + a \end{aligned}$$

$$\begin{aligned} 7. \quad & 7 - v^2 - 2v^2 \\ & = -3v^2 + 7 \end{aligned}$$

$$\begin{aligned} 3. \quad & 8u^2 - 5u^2 + u^2 \\ & = 4u^2 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6x + x^2 + x \\ & = x^2 + 7x \end{aligned}$$

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

$$\begin{aligned} 9. \quad & u^2 - 7 - 9 \\ & = u^2 - 16 \end{aligned}$$

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

$$\begin{aligned} 10. \quad & 5 + 4 + 8x^2 \\ & = 8x^2 + 9 \end{aligned}$$

## Simplificar Expresiones (D)

Simplifique cada expresión.

1.  $2a^2 + 1 + 3a^2$

6.  $-c^2 - 1 + 2$

2.  $-c - 5c^2 + c$

7.  $-y + 1 + 10$

3.  $x + 1 + 10x$

8.  $-7a + 5a + a^2$

4.  $-7x - x + 6$

9.  $-x^2 - 1 - 1$

5.  $c^2 + c^2 + 9c^2$

10.  $-2b + 6 + b$

## Simplificar Expresiones (D) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & 2a^2 + 1 + 3a^2 \\ & = 5a^2 + 1 \end{aligned}$$

$$\begin{aligned} 6. & -c^2 - 1 + 2 \\ & = -c^2 + 1 \end{aligned}$$

$$\begin{aligned} 2. & -c - 5c^2 + c \\ & = -5c^2 \end{aligned}$$

$$\begin{aligned} 7. & -y + 1 + 10 \\ & = -y + 11 \end{aligned}$$

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

$$\begin{aligned} 8. & -7a + 5a + a^2 \\ & = a^2 - 2a \end{aligned}$$

$$\begin{aligned} 4. & -7x - x + 6 \\ & = -8x + 6 \end{aligned}$$

$$\begin{aligned} 9. & -x^2 - 1 - 1 \\ & = -x^2 - 2 \end{aligned}$$

$$\begin{aligned} 5. & c^2 + c^2 + 9c^2 \\ & = 11c^2 \end{aligned}$$

$$\begin{aligned} 10. & -2b + 6 + b \\ & = -b + 6 \end{aligned}$$



## Simplificar Expresiones (E)

Simplifique cada expresión.

1.  $1 + 1 + y$

6.  $-4a^2 - 3a^2 + a$

2.  $-1 - y + 9y$

7.  $-c - 2c + 2c$

3.  $-5v^2 + 1 + v^2$

8.  $-2u + 3u + 6$

4.  $c^2 - 1 + 3$

9.  $-1 - u^2 + 6u^2$

5.  $-x - x^2 - 4x$

10.  $8 + 1 + u$

## Simplificar Expresiones (E) Respuestas

Simplifique cada expresión.

$$1. \begin{aligned} 1 + 1 + y \\ = y + 2 \end{aligned}$$

$$6. \begin{aligned} -4a^2 - 3a^2 + a \\ = -7a^2 + a \end{aligned}$$

$$2. \begin{aligned} -1 - y + 9y \\ = 8y - 1 \end{aligned}$$

$$7. \begin{aligned} -c - 2c + 2c \\ = -c \end{aligned}$$

$$3. \begin{aligned} -5v^2 + 1 + v^2 \\ = -4v^2 + 1 \end{aligned}$$

$$8. \begin{aligned} -2u + 3u + 6 \\ = u + 6 \end{aligned}$$

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

$$9. \begin{aligned} -1 - u^2 + 6u^2 \\ = 5u^2 - 1 \end{aligned}$$

$$5. \begin{aligned} -x - x^2 - 4x \\ = -x^2 - 5x \end{aligned}$$

$$10. \begin{aligned} 8 + 1 + u \\ = u + 9 \end{aligned}$$

## Simplificar Expresiones (F)

Simplifique cada expresión.

1.  $3y^2 + y^2 - y$

6.  $-1 + 4 - 9u$

2.  $-9c + 1 + 7c$

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

3.  $-c^2 + 2 - c^2$

8.  $-6 + 9b^2 + b^2$

4.  $5x^2 + 10 + 1$

9.  $1 + x - 1$

5.  $4u + u^2 + u$

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

## Simplificar Expresiones (F) Respuestas

Simplifique cada expresión.

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

$$\begin{aligned} 6. \quad & -1 + 4 - 9u \\ & = -9u + 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & -9c + 1 + 7c \\ & = -2c + 1 \end{aligned}$$

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

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

$$\begin{aligned} 8. \quad & -6 + 9b^2 + b^2 \\ & = 10b^2 - 6 \end{aligned}$$

$$\begin{aligned} 4. \quad & 5x^2 + 10 + 1 \\ & = 5x^2 + 11 \end{aligned}$$

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

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

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

## Simplificar Expresiones (G)

Simplifique cada expresión.

1.  $1 - 1 + 4b$

6.  $y + 3 + y$

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

7.  $x^2 - 8 + 9x^2$

3.  $2 + 6 + 3x^2$

8.  $a^2 + a - a$

4.  $9 + 9b^2 - 1$

9.  $10 + 1 - 10v$

5.  $2y^2 + 3y + 4y^2$

10.  $z - 4 - 6$

## Simplificar Expresiones (G) Respuestas

Simplifique cada expresión.

$$1. \begin{aligned} 1 - 1 + 4b \\ = 4b \end{aligned}$$

$$6. \begin{aligned} y + 3 + y \\ = 2y + 3 \end{aligned}$$

$$2. \begin{aligned} -1 + 1 - b^2 \\ = -b^2 \end{aligned}$$

$$7. \begin{aligned} x^2 - 8 + 9x^2 \\ = 10x^2 - 8 \end{aligned}$$

$$3. \begin{aligned} 2 + 6 + 3x^2 \\ = 3x^2 + 8 \end{aligned}$$

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

$$4. \begin{aligned} 9 + 9b^2 - 1 \\ = 9b^2 + 8 \end{aligned}$$

$$9. \begin{aligned} 10 + 1 - 10v \\ = -10v + 11 \end{aligned}$$

$$5. \begin{aligned} 2y^2 + 3y + 4y^2 \\ = 6y^2 + 3y \end{aligned}$$

$$10. \begin{aligned} z - 4 - 6 \\ = z - 10 \end{aligned}$$

## Simplificar Expresiones (H)

Simplifique cada expresión.

1.  $x - 8x - 10$

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

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

7.  $8v^2 + v^2 + v$

3.  $5y^2 + 10y^2 - 4y^2$

8.  $4 + 4u^2 - 1$

4.  $6 - 1 - 6c$

9.  $9c + c - 7c$

5.  $-8y^2 + y^2 + 5$

10.  $-y - y - 9y^2$

## Simplificar Expresiones (H) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. \quad & x - 8x - 10 \\ & = -7x - 10 \end{aligned}$$

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

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

$$\begin{aligned} 7. \quad & 8v^2 + v^2 + v \\ & = 9v^2 + v \end{aligned}$$

$$\begin{aligned} 3. \quad & 5y^2 + 10y^2 - 4y^2 \\ & = 11y^2 \end{aligned}$$

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

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

$$\begin{aligned} 9. \quad & 9c + c - 7c \\ & = 3c \end{aligned}$$

$$\begin{aligned} 5. \quad & -8y^2 + y^2 + 5 \\ & = -7y^2 + 5 \end{aligned}$$

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



## Simplificar Expresiones (I)

Simplifique cada expresión.

1.  $1 + 7a^2 + 4$

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

2.  $9 + u + 9$

7.  $-4a + 8 - a$

3.  $-6a + a + a$

8.  $-1 + y + 1$

4.  $z^2 + z + z$

9.  $2 - 7b + 2b$

5.  $-1 - u - u$

10.  $-a + 3a - 7a^2$

## Simplificar Expresiones (I) Respuestas

Simplifique cada expresión.

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

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

$$\begin{aligned} 2. \quad & 9 + u + 9 \\ & = u + 18 \end{aligned}$$

$$\begin{aligned} 7. \quad & -4a + 8 - a \\ & = -5a + 8 \end{aligned}$$

$$\begin{aligned} 3. \quad & -6a + a + a \\ & = -4a \end{aligned}$$

$$\begin{aligned} 8. \quad & -1 + y + 1 \\ & = y \end{aligned}$$

$$\begin{aligned} 4. \quad & z^2 + z + z \\ & = z^2 + 2z \end{aligned}$$

$$\begin{aligned} 9. \quad & 2 - 7b + 2b \\ & = -5b + 2 \end{aligned}$$

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

$$\begin{aligned} 10. \quad & -a + 3a - 7a^2 \\ & = -7a^2 + 2a \end{aligned}$$

## Simplificar Expresiones (J)

Simplifique cada expresión.

1.  $-5 + 3c^2 + 1$

6.  $5c^2 + 1 + 4$

2.  $v^2 + 10v^2 - v^2$

7.  $-6z + z + 2z^2$

3.  $-2y + 4y^2 + 2y$

8.  $1 + 5z + 5z$

4.  $-4y + 1 + 6y$

9.  $x + 2x^2 + 6x^2$

5.  $-v - 1 + 1$

10.  $7c^2 + c - 2c$

## Simplificar Expresiones (J) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & -5 + 3c^2 + 1 \\ & = 3c^2 - 4 \end{aligned}$$

$$\begin{aligned} 6. & 5c^2 + 1 + 4 \\ & = 5c^2 + 5 \end{aligned}$$

$$\begin{aligned} 2. & v^2 + 10v^2 - v^2 \\ & = 10v^2 \end{aligned}$$

$$\begin{aligned} 7. & -6z + z + 2z^2 \\ & = 2z^2 - 5z \end{aligned}$$

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

$$\begin{aligned} 8. & 1 + 5z + 5z \\ & = 10z + 1 \end{aligned}$$

$$\begin{aligned} 4. & -4y + 1 + 6y \\ & = 2y + 1 \end{aligned}$$

$$\begin{aligned} 9. & x + 2x^2 + 6x^2 \\ & = 8x^2 + x \end{aligned}$$

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

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