



## Simplificación de expresiones de exponentes (2 variables)

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_ Puntuación: \_\_\_\_\_

$$2x^{(-2)} \times y^{(-2)}(x^{(-1)} \times y^{(-2)})^{(-1)}$$

$$5 \times y^{(-2)}x^{(-2)}(x^3)^{(-3)}x^{(-1)}(y^{(-1)})^{(-2)}$$

$$7x^{(-6)} \times y^{(-6)}(x^{(-3)} \times y^{(-12)})^2$$

$$8 \times y^{(-2)}x^{(-4)}(x^{(-3)})^4x^3(y^2)^4$$

$$\frac{9x^{(-2)} \times y^3(x^3 \times y^3)^2}{1 \times y^{(-3)}(x^{(-2)})^{(-2)}}$$

$$\frac{9x^{(-5)} \times y^4(x^{(-2)} \times y^{(-2)})^{(-3)}}{1 \times y^{(-2)}(x^2)^{(-1)}}$$

$$7x^6 \times y^6(x^2 \times y^3)^{(-3)}$$

$$9x^{(-6)} \times y^{(-6)}(x^3 \times y^3)^{(-1)}$$

$$7 \times y^3x^{(-3)}(x^{(-2)})^{(-3)}x^{(-1)}(y^2)^5$$

$$9 \times y^5x^{(-3)}(x^{(-2)})^{(-1)}x^{(-3)}(y^{(-1)})^{(-2)}$$



Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_ Puntuación: \_\_\_\_\_

$$2x^{(-2)} \times y^{(-2)}(x^{(-1)} \times y^{(-2)})^{(-1)}$$
$$\frac{2}{x}$$

$$5 \times y^{(-2)}x^{(-2)}(x^3)^{(-3)}x^{(-1)}(y^{(-1)})^{(-2)}$$
$$\frac{5}{x^{12}}$$

$$7x^{(-6)} \times y^{(-6)}(x^{(-3)} \times y^{(-12)})^2$$
$$\frac{7}{x^{12}y^{30}}$$

$$8 \times y^{(-2)}x^{(-4)}(x^{(-3)})^4x^3(y^2)^4$$
$$\frac{8y^6}{x^{13}}$$

$$\frac{9x^{(-2)} \times y^3(x^3 \times y^3)^2}{1 \times y^{(-3)}(x^{(-2)})^{(-2)}}$$
$$9y^{12}$$

$$\frac{9x^{(-5)} \times y^4(x^{(-2)} \times y^{(-2)})^{(-3)}}{1 \times y^{(-2)}(x^2)^{(-1)}}$$
$$9x^3y^{12}$$

$$7x^6 \times y^6(x^2 \times y^3)^{(-3)}$$
$$\frac{7}{y^3}$$

$$9x^{(-6)} \times y^{(-6)}(x^3 \times y^3)^{(-1)}$$
$$\frac{9}{x^9y^9}$$

$$7 \times y^3x^{(-3)}(x^{(-2)})^{(-3)}x^{(-1)}(y^2)^5$$
$$7x^2y^{13}$$

$$9 \times y^5x^{(-3)}(x^{(-2)})^{(-1)}x^{(-3)}(y^{(-1)})^{(-2)}$$
$$\frac{9y^7}{x^4}$$