



Simplificación de expresiones de exponentes (2 variables)

Nombre: _____

Fecha: _____ Puntuación: _____

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

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

$$x^5 \times y^5(x^5 \times y^4)^5$$

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

$$x^{(-2)} \times y^{(-2)}(x^4 \times y^6)^6$$

$$9 \times y^4 x^2 (x^5)^6 x^{(-1)} (y^{(-1)})^{(-2)}$$

$$9 \times y^{(-1)} x^6 (x^4)^2 x^3 (y^2)^{(-1)}$$

$$7 \times y^{(-4)} x^{(-4)} (x^2)^2 x^{(-3)} (y^{(-3)})^{(-2)}$$

$$8 \times y^5 x^{(-6)} (x^2)^6 x^2 (y^4)^4$$

$$1 \times y^{(-4)} x^3 (x^4)^6 x^{(-1)} (y^4)^2$$



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$$\frac{3x^{(-2)} \times y^{(-3)}(x^5 \times y^5)^4}{9 \times y^{(-2)}(x^4)^{(-1)}}$$
$$\frac{1}{3}x^{22}y^{19}$$

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

$$x^5 \times y^5(x^5 \times y^4)^5$$
$$x^{30}y^{25}$$

$$\frac{9x^{(-1)} \times y^2(x^3 \times y^3)^2}{5 \times y^{(-2)}(x^3)^4}$$
$$\frac{9y^{10}}{5x^7}$$

$$x^{(-2)} \times y^{(-2)}(x^4 \times y^6)^6$$
$$x^{22}y^{34}$$

$$9 \times y^4x^2(x^5)^6x^{(-1)}(y^{(-1)})^{(-2)}$$
$$9x^{31}y^6$$

$$9 \times y^{(-1)}x^6(x^4)^2x^3(y^2)^{(-1)}$$
$$\frac{9x^{17}}{y^3}$$

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

$$8 \times y^5x^{(-6)}(x^2)^6x^2(y^4)^4$$
$$8x^8y^{21}$$

$$1 \times y^{(-4)}x^3(x^4)^6x^{(-1)}(y^4)^2$$
$$x^{26}y^4$$