



Simplificación de expresiones de exponentes (2 variables)

Nombre: _____

Fecha: _____ Puntuación: _____

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

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

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

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

$$8x^{(-2)} \times y^{(-2)}(x^6 \times y^6)^{(-1)}$$

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

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

$$\frac{3x^{(-1)} \times y^2(x^5 \times y^5)^3}{8 \times y^{(-1)}(x^2)^{(-1)}}$$

$$\frac{8x^9 \times y^{(-2)}(x^6 \times y^6)^2}{2 \times y^{(-1)}(x^2)^{(-1)}}$$

$$\frac{x^9 \times y^{(-2)}(x^6 \times y^6)^5}{5 \times y^2(x^3)^3}$$



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

$$1 \times y^{(-3)}x^{(-5)}(x^2)^5x^3(y^3)^5$$
$$x^8y^{12}$$

$$9x^{(-3)} \times y^{(-3)}(x^{(-2)} \times y^6)^{(-3)}$$
$$\frac{9x^3}{y^{21}}$$

$$3x^{(-3)} \times y^{(-3)}(x^3 \times y^{(-12)})^3$$
$$\frac{3x^6}{y^{39}}$$

$$8x^{(-2)} \times y^{(-2)}(x^6 \times y^6)^{(-1)}$$
$$\frac{8}{x^8y^8}$$

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

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

$$\frac{3x^{(-1)} \times y^2(x^5 \times y^5)^3}{8 \times y^{(-1)}(x^2)^{(-1)}}$$
$$\frac{3}{8}x^{16}y^{18}$$

$$\frac{8x^9 \times y^{(-2)}(x^6 \times y^6)^2}{2 \times y^{(-1)}(x^2)^{(-1)}}$$
$$4x^{23}y^{11}$$

$$\frac{x^9 \times y^{(-2)}(x^6 \times y^6)^5}{5 \times y^2(x^3)^3}$$
$$\frac{1}{5}x^{30}y^{26}$$