



Simplificación de expresiones de exponentes (2 variables)

Nombre: _____

Fecha: _____ Puntuación: _____

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

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

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

$$8 \times y^4 x^{(-5)} (x^4)^{(-2)} x^3 (y^4)^{(-1)}$$

$$7x^4 \times y^4 (x^6 \times y^3)^{(-1)}$$

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

$$\frac{5x^{(-2)} \times y^{(-4)} (x^6 \times y^6)^5}{3 \times y^{(-3)} (x^{(-1)})^{(-1)}}$$

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

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

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



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

$$4 \times y^2 x^4 (x^5)^6 x^{(-1)} (y^4)^4 \\ 4x^{33} y^{18}$$

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

$$8 \times y^4 x^{(-5)} (x^4)^{(-2)} x^3 (y^4)^{(-1)} \\ \frac{8}{x^{10}}$$

$$7x^4 \times y^4 (x^6 \times y^3)^{(-1)} \\ \frac{7y}{x^2}$$

$$7x^{(-2)} \times y^{(-2)} (x^4 \times y^3)^5 \\ 7x^{18} y^{13}$$

$$\frac{5x^{(-2)} \times y^{(-4)} (x^6 \times y^6)^5}{3 \times y^{(-3)} (x^{(-1)})^{(-1)}} \\ \frac{5}{3}x^{27} y^{29}$$

$$1 \times y^{(-4)} x^{(-2)} (x^4)^{(-3)} x^{(-2)} (y^{(-2)})^5 \\ \frac{1}{x^{16} y^{14}}$$

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

$$\frac{5x^6 \times y^6 (x^{(-2)} \times y^{(-2)})^4}{4 \times y^{(-2)} (x^4)^4} \\ \frac{5}{4x^{18}}$$