



Simplificación de expresiones de exponentes (2 variables)

Nombre: _____

Fecha: _____ Puntuación: _____

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

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

$$\frac{8x^{(-1)} \times y^6(x^{(-2)} \times y^{(-2)})^4}{6 \times y^2(x^3)^2}$$

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

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

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

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

$$\frac{5x^5 \times y^{(-3)}(x^6 \times y^6)^5}{7 \times y^3(x^4)^{(-1)}}$$

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

$$\frac{8x^{(-3)} \times y^2(x^5 \times y^5)^{(-2)}}{6 \times y^{(-1)}(x^{(-2)})^{(-2)}}$$



Simplificación de expresiones de exponentes (2 variables)

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$$\frac{4x^8 \times y^3(x^5 \times y^5)^{-3}}{5 \times y^{(-1)}(x^4)^{-1}}$$
$$\frac{4}{5x^3y^{11}}$$

$$\frac{7x^2 \times y^{(-1)}(x^2 \times y^2)^4}{4 \times y^{(-1)}(x^{(-2)})^3}$$
$$\frac{7}{4}x^{16}y^8$$

$$\frac{8x^{(-1)} \times y^6(x^{(-2)} \times y^{(-2)})^4}{6 \times y^2(x^3)^2}$$
$$\frac{4}{3x^{15}y^4}$$

$$6 \times y^5x^{(-5)}(x^{(-3)})^{(-3)}x^{(-1)}(y^3)^5$$
$$6x^3y^{20}$$

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

$$2 \times y^3x^3(x^5)^6x^3(y^{(-2)})^{(-2)}$$
$$2x^{36}y^7$$

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

$$\frac{5x^5 \times y^{(-3)}(x^6 \times y^6)^5}{7 \times y^3(x^4)^{-1}}$$
$$\frac{5}{7}x^{39}y^{24}$$

$$x^{(-3)} \times y^{(-3)}(x^5 \times y^6)^5$$
$$x^{22}y^{27}$$

$$\frac{8x^{(-3)} \times y^2(x^5 \times y^5)^{-2}}{6 \times y^{(-1)}(x^{(-2)})^{(-2)}}$$
$$\frac{4}{3x^{17}y^7}$$