



Simplificando as expressões expoentes (2 variáveis)

Nome: _____

Encontro: Data: _____ Pontuação: _____

$$\frac{7x^9 \times y^4(x^{(-2)} \times y^{(-2)})^2}{6 \times y^2(x^{(-2)})^2}$$

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

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

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

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

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

$$3x^3 \times y^3(x^3 \times y^6)^5$$

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

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

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



Simplificando as expressões expoentes (2 variáveis)

Nome: _____

Encontro: Data: _____ Pontuação: _____

$$\frac{7x^9 \times y^4(x^{-2}) \times y^{(-2)}^2}{6 \times y^2(x^{-2})^2}$$
$$\frac{7x^9}{6y^2}$$

$$2x^5 \times y^5(x^{-1}) \times y^{(-3)}(-2)$$
$$2x^7y^{11}$$

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

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

$$7x^6 \times y^6(x^4 \times y^{(-3)})^4$$
$$\frac{7x^{22}}{y^6}$$

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

$$3x^3 \times y^3(x^3 \times y^6)^5$$
$$3x^{18}y^{33}$$

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

$$8 \times y^{(-2)}x^6(x^5)^4x^{(-1)}(y^{(-1)})^{(-1)}$$
$$\frac{8x^{25}}{y}$$

$$7x^3 \times y^3(x^3 \times y^{(-3)})^5$$
$$\frac{7x^{18}}{y^{12}}$$