



Simplificando as expressões expoentes (2 variáveis)

Nome: _____

Encontro: Data: _____ Pontuação: _____

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

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

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

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

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

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

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

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

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

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