



## Simplificando as expressões expoentes (2 variáveis)

Nome: \_\_\_\_\_

Encontro: Data: \_\_\_\_\_ Pontuação: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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