



Simplificando as expressões expoentes (2 variáveis)

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

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

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

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

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

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

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

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

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

$$\frac{9x^{(-6)} \times y^{(-5)}(x^2 \times y^2)^5}{7 \times y^3(x^{(-1)})^{(-1)}}$$

$$2x^3 \times y^3(x^4 \times y^6)^5$$

$$\frac{9x^{(-9)} \times y^3(x^3 \times y^3)^4}{8 \times y^{(-1)}(x^{(-2)})^{(-1)}}$$