



Simplificando as expressões expoentes (2 variáveis)

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

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

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

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

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

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

$$\frac{2x^7 \times y^{(-5)} (x^4 \times y^4)^5}{9 \times y^2 (x^3)^4}$$

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

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

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

$$\frac{x^9 \times y^{(-5)} (x^4 \times y^4)^2}{7 \times y^{(-3)} (x^2)^2}$$

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



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

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

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

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

$$5x^4 \times y^4 (x^3 \times y^{(-3)})^3$$
$$\frac{5x^{13}}{y^5}$$

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

$$\frac{2x^7 \times y^{(-5)} (x^4 \times y^4)^5}{9 \times y^2 (x^3)^4}$$
$$\frac{2}{9} x^{15} y^{13}$$

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

$$\frac{5x^{(-5)} \times y^5 (x^3 \times y^3)^4}{2 \times y^{(-1)} (x^{(-1)})^3}$$
$$\frac{5}{2} x^{10} y^{18}$$

$$\frac{2x^2 \times y^{(-5)} (x^{(-1)} \times y^{(-1)})^4}{8 \times y^{(-3)} (x^2)^4}$$
$$\frac{1}{4x^{10} y^6}$$

$$\frac{x^9 \times y^{(-5)} (x^4 \times y^4)^2}{7 \times y^{(-3)} (x^2)^2}$$
$$\frac{1}{7} x^{13} y^6$$

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