



## Simplificando as expressões expoentes (2 variáveis)

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

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

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

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

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

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

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

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

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

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

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

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



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$$\frac{6x^{(-7)} \times y^4(x^2 \times y^2)^2}{3 \times y^{(-2)}(x^{(-1)})^{(-2)}} \\ \frac{2y^{10}}{x^5}$$

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

$$x^{(-4)} \times y^{(-4)}(x^3 \times y^6)^6 \\ x^{14}y^{32}$$

$$3 \times y^2x^4(x^{(-1)})^6x^{(-1)}(y^4)^5 \\ \frac{3y^{22}}{x^3}$$

$$5x^{(-1)} \times y^{(-1)}(x^6 \times y^6)^3 \\ 5x^{17}y^{17}$$

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

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

$$6x^{(-3)} \times y^{(-3)}(x^6 \times y^{(-3)})^4 \\ \frac{6x^{21}}{y^{15}}$$

$$\frac{4x^{(-4)} \times y^4(x^5 \times y^5)^2}{6 \times y^{(-1)}(x^3)^2} \\ \frac{2}{3}y^{15}$$

$$4 \times y^2x^5(x^6)^3x^2(y^4)^{(-2)} \\ \frac{4x^{25}}{y^6}$$