

## Simplificando as expressões expoentes (2 variáveis)

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

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

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

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

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

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

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

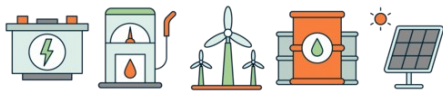
$$\frac{2x^{(-8)} \times y^3 (x^{(-2)} \times y^{(-2)})^5}{6 \times y^3 (x^{(-1)})^{(-1)}}$$

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

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

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

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



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$$7 \times y^{(-1)} x^3 (x^5)^2 x^3 (y^{(-2)})^3$$
$$\frac{7x^{16}}{y^7}$$

$$4x^{(-2)} \times y^{(-2)} (x^2 \times y^5)^{(-3)}$$
$$\frac{4}{x^8 y^{17}}$$

$$\frac{2x^{(-1)} \times y^{(-6)} (x^2 \times y^2)^4}{8 \times y^{(-2)} (x^{(-1)})^4}$$
$$\frac{1}{4} x^{11} y^4$$

$$1 \times y^{(-2)} x^{(-6)} (x^{(-2)})^2 x^{(-1)} (y^4)^{(-1)}$$
$$\frac{1}{x^{11} y^6}$$

$$4 \times y^{(-3)} x^2 (x^4)^3 x^{(-3)} (y^{(-2)})^5$$
$$\frac{4x^{11}}{y^{13}}$$

$$\frac{2x^{(-8)} \times y^3 (x^{(-2)} \times y^{(-2)})^5}{6 \times y^3 (x^{(-1)})^{(-1)}}$$
$$\frac{1}{3x^{19} y^{10}}$$

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

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

$$2x^6 \times y^6 (x^4 \times y^{(-2)})^2$$
$$2x^{14} y^2$$

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