

Simplificando as expressões expoentes (2 variáveis)

Nome: _____

Encontro: Data: _____ Pontuação: _____

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

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

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

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

$$\frac{2x^{(-8)} \times y^3(x^4 \times y^4)^5}{7 \times y^3(x^2)^3}$$

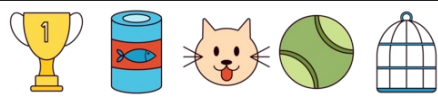
$$2x^{(-3)} \times y^{(-3)}(x^3 \times y^{(-12)})^5$$

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

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

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

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



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$$7 \times y^{(-3)} x^{(-1)} (x^4)^5 x^3 (y^4)^{(-1)}$$
$$\frac{7x^{22}}{y^7}$$

$$\frac{2x^{(-9)} \times y^{(-5)} (x^4 \times y^4)^4}{6 \times y^2 (x^4)^{(-2)}}$$
$$\frac{1}{3} x^{15} y^9$$

$$4x^{(-1)} \times y^{(-1)} (x^{(-3)} \times y^{(-3)})^4$$
$$\frac{4}{x^{13} y^{13}}$$

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

$$\frac{2x^{(-8)} \times y^3 (x^4 \times y^4)^5}{7 \times y^3 (x^2)^3}$$
$$\frac{2}{7} x^6 y^{20}$$

$$2x^{(-3)} \times y^{(-3)} (x^3 \times y^{(-12)})^5$$
$$\frac{2x^{12}}{y^{63}}$$

$$8x^{(-4)} \times y^{(-4)} (x^4 \times y^6)^6$$
$$8x^{20} y^{32}$$

$$2x^{(-6)} \times y^{(-6)} (x^2 \times y^6)^{(-1)}$$
$$\frac{2}{x^8 y^{12}}$$

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

$$x^{(-2)} \times y^{(-2)} (x^2 \times y^{(-3)})^6$$
$$\frac{x^{10}}{y^{20}}$$