



## Simplificando as expressões expoentes

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

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

$$x^{(-7)}(x^2)^2x^{(-1)}$$

$$2x^{(-6)}(x^2)^{(-1)}$$

$$3x^9(x^6)^{(-3)}$$

$$x^6(x^5)^2$$

$$5x^{(-4)}(x^{(-2)})^6x^{(-2)}$$

$$7x^{(-5)}(x^2)^{(-1)}x^{(-2)}$$

$$7x^{(-2)}(x^{(-2)})^4$$

$$x^{(-9)}(x^{(-2)})^3x^{(-3)}$$

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

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



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

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

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

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

$$3x^9(x^6)^{(-3)}$$
$$\frac{3}{x^9}$$

$$x^6(x^5)^2$$
$$x^{16}$$

$$5x^{(-4)}(x^{(-2)})^6x^{(-2)}$$
$$\frac{5}{x^{18}}$$

$$7x^{(-5)}(x^2)^{(-1)}x^{(-2)}$$
$$\frac{7}{x^9}$$

$$7x^{(-2)}(x^{(-2)})^4$$
$$\frac{7}{x^{10}}$$

$$x^{(-9)}(x^{(-2)})^3x^{(-3)}$$
$$\frac{1}{x^{18}}$$

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

$$\frac{3x^6(x^5)^5}{6x^{(-2)}(x^{(-3)})^4}$$
$$\frac{x^{45}}{2}$$