



## Simplificando as expressões expoentes

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

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

$$\frac{x^{(-2)}(x^{(-2)})^6}{7x^2(x^{(-2)})^3}$$

$$4x^3(x^{(-2)})^4x^{(-3)}$$

$$6x^8(x^2)^{(-3)}$$

$$\frac{7x^5(x^3)^5}{7x^{(-3)}(x^4)^3}$$

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

$$4x^{(-8)}(x^4)^4$$

$$\frac{9x^{(-5)}(x^3)^2}{3x^{(-3)}(x^{(-3)})^{(-3)}}$$

$$7x^{(-9)}(x^4)^5$$

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

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



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

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

$$6x^8(x^2)^{(-3)}$$
$$6x^2$$

$$\frac{7x^5(x^3)^5}{7x^{(-3)}(x^4)^3}$$
$$x^{11}$$

$$9x^{(-9)}(x^{(-3)})^2$$
$$\frac{9}{x^{15}}$$

$$4x^{(-8)}(x^4)^4$$
$$4x^8$$

$$\frac{9x^{(-5)}(x^3)^2}{3x^{(-3)}(x^{(-3)})^{(-3)}}$$
$$\frac{3}{x^5}$$

$$7x^{(-9)}(x^4)^5$$
$$7x^{11}$$

$$\frac{8x^{(-2)}(x^6)^6}{8x^{(-1)}(x^{(-3)})^{(-3)}}$$
$$x^{26}$$

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