



Simplificando as expressões expoentes

Nome: _____

Encontro: Data: _____ Pontuação: _____

$$\frac{8x^4(x^6)^{(-3)}}{x^3(x^3)^{(-3)}}$$

$$\frac{9x^7(x^4)^6}{6x^2(x^{(-2)})^4}$$

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

$$\frac{x^{(-2)}(x^2)^6}{9x^{(-3)}(x^{(-2)})^{(-2)}}$$

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

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

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

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

$$7x^6(x^4)^{(-2)}$$

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



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$$\frac{8x^4(x^6)^{(-3)}}{x^3(x^3)^{(-3)}}$$
$$\frac{8}{x^8}$$

$$\frac{9x^7(x^4)^6}{6x^2(x^{(-2)})^4}$$
$$\frac{3}{2}x^{37}$$

$$3x^{(-6)}(x^{(-2)})^3$$
$$\frac{3}{x^{12}}$$

$$\frac{x^{(-2)}(x^2)^6}{9x^{(-3)}(x^{(-2)})^{(-2)}}$$
$$\frac{x^9}{9}$$

$$\frac{7x^{(-5)}(x^5)^{(-2)}}{5x^{(-1)}(x^{(-3)})^{(-2)}}$$
$$\frac{7}{5x^{20}}$$

$$\frac{6x^5(x^2)^4}{4x^{(-1)}(x^2)^{(-2)}}$$
$$\frac{3}{2}x^{18}$$

$$7x^8(x^3)^2x^{(-3)}$$
$$7x^{11}$$

$$\frac{2x^{(-2)}(x^{(-3)})^{(-2)}}{7x^{(-2)}(x^{(-2)})^3}$$
$$\frac{2}{7}x^{12}$$

$$7x^6(x^4)^{(-2)}$$
$$\frac{7}{x^2}$$

$$2x^8(x^2)^3x^{(-3)}$$
$$2x^{11}$$