



Simplificando as expressões expoentes

Nome: _____

Encontro: Data: _____ Pontuação: _____

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

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

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

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

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

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

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

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

$$\frac{x^5(x^4)^2}{9x^{(-1)}(x^{(-2)})^{(-2)}}$$

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



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

$$\frac{7x^9(x^4)^{(-3)}}{2x^{(-1)}(x^4)^{(-3)}}$$
$$\frac{7}{2}x^{10}$$

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

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

$$\frac{2x^8(x^{(-3)})^{(-3)}}{8x^{(-1)}(x^{(-3)})^{(-2)}}$$
$$\frac{x^{12}}{4}$$

$$\frac{3x^{(-7)}(x^5)^{(-1)}x^2}{x^{10}}$$
$$\frac{3}{x^{10}}$$

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

$$\frac{3x^7(x^{(-2)})^{(-2)}x^2}{3x^{13}}$$
$$3x^{13}$$

$$\frac{x^5(x^4)^2}{9x^{(-1)}(x^{(-2)})^{(-2)}}$$
$$\frac{x^{10}}{9}$$

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