



## Simplification des expressions d'exposant

Nom: \_\_\_\_\_

Date: \_\_\_\_\_ Note: \_\_\_\_\_

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

$$4x^5(x^{(-3)})^4$$

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

$$\frac{2x^{(-5)}(x^{(-3)})^6}{8x^{(-2)}(x^{(-2)})^{(-3)}}$$

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

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

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

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

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

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



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

$$\frac{2}{3x^2}$$

$$4x^5(x^{(-3)})^4$$

$$\frac{4}{x^7}$$

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

$$\frac{4}{3}x^9$$

$$\frac{2x^{(-5)}(x^{(-3)})^6}{8x^{(-2)}(x^{(-2)})^{(-3)}}$$

$$\frac{1}{4x^{27}}$$

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

$$\frac{x^{12}}{3}$$

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

$$\frac{6}{x^2}$$

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

$$\frac{1}{x^5}$$

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

$$\frac{1}{x^3}$$

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

$$\frac{7}{x^{12}}$$

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

$$\frac{2}{x^{15}}$$