



## Simplifying Exponent Expressions

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

$$\frac{9x^7(x^6)^{-2}}{x^{(-1)}(x^4)^{-2}}$$

$$9x^4(x^2)^6$$

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

$$5x^8(x^4)^6$$

$$4x^3(x^2)^4$$

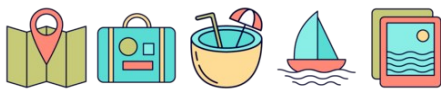
$$2x^8(x^3)^{-3}$$

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

$$\frac{6x^{(-7)}(x^4)^3}{5x^{(-2)}(x^{(-3)})^{(-3)}}$$

$$x^{(-5)}(x^6)^5x^3$$

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



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$$\frac{9x^7(x^6)^{-2}}{x^{(-1)}(x^4)^{-2}}$$
$$9x^4$$

$$\frac{9x^4(x^2)^6}{9x^{16}}$$

$$\frac{9x^5(x^{-2})^4}{x^3}$$

$$\frac{5x^8(x^4)^6}{5x^{32}}$$

$$\frac{4x^3(x^2)^4}{4x^{11}}$$

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

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

$$\frac{6x^{(-7)}(x^4)^3}{5x^{(-2)}(x^{(-3)})^{(-3)}}$$
$$\frac{6}{5x^2}$$

$$\frac{x^{(-5)}(x^6)^5x^3}{x^{28}}$$

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