



## Simplifying Exponent Expressions

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

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

$$\frac{8x^7(x^4)^{-3}}{6x^{-3}(x^{-2})^4}$$

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

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

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

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

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

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

$$7x^5(x^3)^5x^2$$

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

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