



## Simplifying Exponent Expressions

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

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

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

$$9x^{(-5)}(x^6)^{(-3)}$$

$$6x^9(x^6)^{(-1)}x^{(-1)}$$

$$\frac{9x^8(x^3)^{(-2)}}{6x^{(-2)}(x^{(-2)})^{(-2)}}$$

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

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

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

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

$$\frac{8x^{(-1)}(x^{(-3)})^6}{7x^{(-3)}(x^2)^{(-3)}}$$

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