



Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

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

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

$$\frac{8x^9(x^{-3})^{(-2)}}{4x^2(x^{-3})^3}$$

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

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

$$\frac{9x^{(-5)}(x^{(-3)})^6}{6x^{(-2)}(x^3)^{(-3)}}$$

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

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

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

$$9x^8(x^3)^4$$