



Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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