



Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

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

$$x^{(-5)}(x^4)^{-3}x^{(-1)}$$

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

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

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

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

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

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

$$2x^3(x^{(-3)})^3x^{(-1)}$$

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