



Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

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

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

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

$$9x^{(-2)}(x^{(-3)})^{(-2)}x^{(-1)}$$

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

$$3x^{(-1)}(x^5)^4x^2$$

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

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

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

$$\frac{4x^8(x^3)^2}{x^{(-1)}(x^4)^2}$$