



Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

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

$$x^7(x^{(-2)})^4$$

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

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

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

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

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

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

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

$$8x^{(-7)}(x^4)^4x^{(-3)}$$