



Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

$$6x^7(x^6)^6x^3$$

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

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

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

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

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

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

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

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

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