



Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

$$\frac{2x^{(-3)}(x^3)^6}{9x^2(x^{(-3)})^3}$$

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

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