



Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

$$2x^3(x^2)^2$$

$$\frac{8x^{(-3)}(x^5)^2}{4x^{(-3)}(x^2)^3}$$

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

$$8x^{(-8)}(x^4)^6x^{(-2)}$$

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

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

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

$$\frac{x^{(-9)}(x^5)^6}{9x^{(-1)}(x^{(-2)})^3}$$

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

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



Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

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

$$\frac{8x^{(-3)}(x^5)^2}{4x^{(-3)}(x^2)^3}$$
$$2x^4$$

$$\frac{x^{(-6)}(x^{(-3)})^2}{x^{12}}$$

$$\frac{8x^{(-8)}(x^4)^6x^{(-2)}}{8x^{14}}$$

$$\frac{8x^2(x^{(-3)})^4x^{(-1)}}{x^{11}}$$

$$\frac{7x^{(-6)}(x^{(-2)})^6x^2}{x^{16}}$$

$$\frac{7x^3(x^3)^6}{7x^{21}}$$

$$\frac{x^{(-9)}(x^5)^6}{9x^{(-1)}(x^{(-2)})^3}$$
$$\frac{x^{28}}{9}$$

$$\frac{5x^{(-4)}(x^5)^3}{5x^{11}}$$

$$\frac{8x^{(-8)}(x^3)^{(-3)}x^2}{x^{15}}$$