



## Simplifying Exponent Expressions(2 Variables)

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

$$\frac{x^{(-8)} \times y^3(x^5 \times y^5)^4}{2 \times y^{(-3)}(x^{(-1)})^4}$$

$$2x^{(-5)} \times y^{(-5)}(x^{(-2)} \times y^{(-12)})^5$$

$$1 \times y^2x^5(x^{(-3)})^6x^3(y^{(-3)})^{(-1)}$$

$$5 \times y^2x^{(-1)}(x^{(-2)})^2x^{(-1)}(y^{(-3)})^5$$

$$\frac{x^7 \times y^{(-6)}(x^5 \times y^5)^4}{7 \times y^{(-1)}(x^3)^4}$$

$$\frac{9x^7 \times y^5(x^5 \times y^5)^2}{1 \times y^{(-1)}(x^2)^2}$$

$$8x^{(-6)} \times y^{(-6)}(x^2 \times y^{(-3)})^2$$

$$6x^{(-4)} \times y^{(-4)}(x^{(-1)} \times y^{(-2)})^2$$

$$2 \times y^3x^5(x^2)^{(-1)}x^3(y^2)^2$$

$$x^6 \times y^6(x^{(-1)} \times y^4)^2$$