



## Simplifying Exponent Expressions(2 Variables)

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

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

$$\frac{6x^{(-6)} \times y^2(x^{(-1)} \times y^{(-1)})^4}{6 \times y^{(-3)}(x^3)^{(-1)}}$$

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

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

$$9 \times y^{(-2)}x^{(-6)}(x^3)^2x^{(-2)}(y^3)^{(-1)}$$

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

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

$$\frac{9x^7 \times y^{(-6)}(x^2 \times y^2)^{(-2)}}{2 \times y^{(-3)}(x^4)^4}$$

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

$$7x^{(-4)} \times y^{(-4)}(x^{(-1)} \times y^{(-12)})^{(-1)}$$

$$\frac{7x^2 \times y^{(-2)}(x^{(-1)} \times y^{(-1)})^5}{1 \times y^3(x^2)^3}$$