



## Simplifying Exponent Expressions(2 Variables)

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

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

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

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

$$\frac{5x^{(-8)} \times y^{(-2)}(x^4 \times y^4)^2}{9 \times y^3(x^2)^3}$$

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

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

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

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

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

$$\frac{8x^9 \times y^5(x^{(-1)} \times y^{(-1)})^5}{9 \times y^{(-1)}(x^{(-1)})^2}$$

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