



Simplifying Exponent Expressions(2 Variables)

Name: _____

Date: _____ Score: _____

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

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

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

$$9 \times y^2x^5(x^6)^2x^3(y^{(-3)})^5$$

$$\frac{4x^{(-3)} \times y^{(-6)}(x^2 \times y^2)^5}{4 \times y^{(-1)}(x^3)^{(-2)}}$$

$$\frac{4x^3 \times y^3(x^6 \times y^6)^3}{9 \times y^{(-1)}(x^4)^4}$$

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

$$\frac{6x^{(-5)} \times y^{(-4)}(x^5 \times y^5)^{(-3)}}{7 \times y^{(-3)}(x^2)^{(-1)}}$$

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

$$8 \times y^5x^2(x^2)^6x^3(y^{(-1)})^{(-1)}$$