



Simplifying Exponent Expressions(2 Variables)

Name: _____

Date: _____ Score: _____

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

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

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

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

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

$$4x^6 \times y^6(x^6 \times y^{(-12)})^{(-3)}$$

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

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

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

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