



Simplifying Exponent Expressions(2 Variables)

Name: _____

Date: _____ Score: _____

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

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

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

$$\frac{8x^{(-2)} \times y^6(x^2 \times y^2)^{(-2)}}{1 \times y^{(-1)}(x^2)^4}$$

$$9x^{(-2)} \times y^{(-2)}(x^{(-1)} \times y^5)^4$$

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

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

$$\frac{6x^7 \times y^2(x^6 \times y^6)^{(-3)}}{8 \times y^{(-2)}(x^{(-1)})^3}$$

$$\frac{8x^{(-3)} \times y^{(-5)}(x^2 \times y^2)^{(-2)}}{7 \times y^{(-2)}(x^2)^{(-1)}}$$

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



Simplifying Exponent Expressions(2 Variables)

Name: _____

Date: _____ Score: _____

$$7 \times y^{(-4)}x^{(-5)}(x^6)^{(-2)}x^2(y^2)^5$$
$$\frac{7y^6}{x^{15}}$$

$$6 \times y^3x^{(-2)}(x^{(-1)})^5x^{(-1)}(y^4)^{(-1)}$$
$$\frac{6}{x^8y}$$

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

$$\frac{8x^{(-2)} \times y^6(x^2 \times y^2)^{(-2)}}{1 \times y^{(-1)}(x^2)^4}$$
$$\frac{8y^3}{x^{14}}$$

$$9x^{(-2)} \times y^{(-2)}(x^{(-1)} \times y^5)^4$$
$$\frac{9y^{18}}{x^6}$$

$$2x^{(-4)} \times y^{(-4)}(x^2 \times y^6)^5$$
$$2x^6y^{26}$$

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

$$\frac{6x^7 \times y^2(x^6 \times y^6)^{(-3)}}{8 \times y^{(-2)}(x^{(-1)})^3}$$
$$\frac{3}{4x^8y^{14}}$$

$$\frac{8x^{(-3)} \times y^{(-5)}(x^2 \times y^2)^{(-2)}}{7 \times y^{(-2)}(x^2)^{(-1)}}$$
$$\frac{8}{7x^5y^7}$$

$$\frac{9x^{(-2)} \times y^2(x^3 \times y^3)^4}{9 \times y^{(-2)}(x^4)^3}$$
$$\frac{y^{16}}{x^2}$$