



Simplification des expressions d'exposant ( 2 variables )

Nom: \_\_\_\_\_

Date: \_\_\_\_\_ Note: \_\_\_\_\_

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

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

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

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

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

$$9 \times y^{(-2)}x^{(-2)}(x^4)^5x^2(y^3)^{(-1)}$$

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

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

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

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