



Simplification des expressions d'exposant ( 2 variables )

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

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

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

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

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

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

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

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

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

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

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

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