



Simplification des expressions d'exposant (2 variables)

Nom: _____

Date: _____ Note: _____

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

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

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

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

$$8x^5 \times y^5 (x^5 \times y^3)^3$$

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

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

$$9 \times y^5 x^{(-6)} (x^4)^4 x^{(-1)} (y^2)^3$$

$$4x^{(-4)} \times y^{(-4)} (x^5 \times y^{(-12)})^{(-1)}$$

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