



Simplification des expressions d'exposant (2 variables)

Nom: _____

Date: _____ Note: _____

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

$$\frac{8x^{(-2)} \times y^{(-5)} (x^3 \times y^3)^4}{7 \times y^{(-2)} (x^{(-1)})^3}$$

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

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

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

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

$$7 \times y^5 x^5 (x^2)^3 x^3 (y^4)^4$$

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

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

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