



Vereinfachung von Exponentenausdrücken (2 Variablen)

Name: _____

Datum: _____ Ergebnis: _____

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

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

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

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

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

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

$$6x^2 \times y^2 (x^3 \times y^{(-12)})^4$$

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

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

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