



Vereenvoudiging van exponentiële uitdrukkingen (2 variabelen)

Naam: _____

Datum: _____ Score: _____

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

$$2x^5 \times y^5(x^4 \times y^6)^3$$

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

$$\frac{3x^{(-8)} \times y^3(x^4 \times y^4)^{(-3)}}{9 \times y^2(x^2)^4}$$

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

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

$$7 \times y^{(-4)}x^6(x^6)^{(-1)}x^{(-1)}(y^3)^{(-1)}$$

$$\frac{x^{(-8)} \times y^{(-4)}(x^{(-1)} \times y^{(-1)})^{(-3)}}{9 \times y^{(-2)}(x^4)^2}$$

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

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



Vereenvoudiging van exponentiële uitdrukkingen (2 variabelen)

Naam: _____

Datum: _____ Score: _____

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

$$2x^5 \times y^5(x^4 \times y^6)^3$$
$$2x^{17}y^{23}$$

$$2x^{(-1)} \times y^{(-1)}(x^3 \times y^6)^3$$
$$2x^8y^{17}$$

$$\frac{3x^{(-8)} \times y^3(x^4 \times y^4)^{(-3)}}{9 \times y^2(x^2)^4}$$
$$\frac{1}{3x^{28}y^{11}}$$

$$6x^{(-5)} \times y^{(-5)}(x^3 \times y^4)^{(-1)}$$
$$\frac{6}{x^8y^9}$$

$$6 \times y^{(-2)}x^{(-4)}(x^5)^{(-2)}x^{(-1)}(y^4)^4$$
$$\frac{6y^{14}}{x^{15}}$$

$$7 \times y^{(-4)}x^6(x^6)^{(-1)}x^{(-1)}(y^3)^{(-1)}$$
$$\frac{7}{xy^7}$$

$$\frac{x^{(-8)} \times y^{(-4)}(x^{(-1)} \times y^{(-1)})^{(-3)}}{9 \times y^{(-2)}(x^4)^2}$$
$$\frac{y}{9x^{13}}$$

$$2 \times y^4x^{(-2)}(x^5)^5x^2(y^4)^4$$
$$2x^{25}y^{20}$$

$$3x^{(-5)} \times y^{(-5)}(x^4 \times y^{(-2)})^3$$
$$\frac{3x^7}{y^{11}}$$