



Vereenvoudiging van exponentiële uitdrukkingen (2 variabelen)

Naam: \_\_\_\_\_

Datum: \_\_\_\_\_ Score: \_\_\_\_\_

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

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

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

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

$$6x^5 \times y^5(x^{(-1)} \times y^{(-12)})^2$$

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

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

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

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

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



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$$2x^{(-6)} \times y^{(-6)}(x^{(-3)} \times y^3)^6$$
$$\frac{2y^{12}}{x^{24}}$$

$$5x^{(-4)} \times y^{(-4)}(x^4 \times y^{(-2)})^{(-2)}$$
$$\frac{5}{x^{12}}$$

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

$$7 \times y^3x^5(x^3)^4x^{(-3)}(y^{(-3)})^4$$
$$\frac{7x^{14}}{y^9}$$

$$6x^5 \times y^5(x^{(-1)} \times y^{(-12)})^2$$
$$\frac{6x^3}{y^{19}}$$

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

$$\frac{x^{(-2)} \times y^6(x^3 \times y^3)^4}{2 \times y^{(-1)}(x^4)^4}$$
$$\frac{y^{19}}{2x^6}$$

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

$$\frac{3x^{(-8)} \times y^{(-5)}(x^{(-1)} \times y^{(-1)})^2}{2 \times y^2(x^3)^3}$$
$$\frac{3}{2x^{19}y^9}$$

$$3x^{(-4)} \times y^{(-4)}(x^6 \times y^6)^4$$
$$3x^{20}y^{20}$$