



Vereenvoudiging van exponentiële uitdrukkingen (2 variabelen)

Naam: _____

Datum: _____ Score: _____

$$7 \times y^2 x^{(-6)} (x^{(-3)})^{(-1)} x^2 (y^{(-2)})^3$$

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

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

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

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

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

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

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

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

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



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$$7 \times y^2 x^{(-6)} (x^{(-3)})^{(-1)} x^2 (y^{(-2)})^3$$
$$\frac{7}{xy^4}$$

$$2 \times y^{(-3)} x^{(-6)} (x^{(-3)})^6 x^2 (y^{(-1)})^5$$
$$\frac{2}{x^{22}y^8}$$

$$5x^3 \times y^3 (x^5 \times y^6)^6$$
$$5x^{33}y^{39}$$

$$x^{(-3)} \times y^{(-3)} (x^{(-3)} \times y^5)^3$$
$$\frac{y^{12}}{x^{12}}$$

$$\frac{3x^{(-7)} \times y^{(-5)} (x^5 \times y^5)^{(-2)}}{5 \times y^{(-2)} (x^{(-1)})^4}$$
$$\frac{3}{5x^{13}y^{13}}$$

$$\frac{6x^{(-4)} \times y^{(-1)} (x^{(-1)} \times y^{(-1)})^3}{3 \times y^{(-2)} (x^2)^2}$$
$$\frac{2}{x^{11}y^2}$$

$$7 \times y^{(-4)} x^{(-2)} (x^2)^{(-2)} x^{(-1)} (y^2)^{(-1)}$$
$$\frac{7}{x^7y^6}$$

$$\frac{4x^{(-8)} \times y^{(-4)} (x^{(-2)} \times y^{(-2)})^4}{4 \times y^{(-2)} (x^{(-1)})^{(-2)}}$$
$$\frac{1}{x^{18}y^{10}}$$

$$\frac{4x^2 \times y^6 (x^6 \times y^6)^4}{2 \times y^{(-1)} (x^3)^3}$$
$$2x^{17}y^{31}$$

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