



Vereenvoudiging van exponentiële uitdrukkingen (2 variabelen)

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

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

$$\frac{6x^2 \times y^{(-3)}(x^4 \times y^4)^5}{8 \times y^{(-1)}(x^2)^2}$$

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

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

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

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

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

$$\frac{6x^{(-6)} \times y^{(-5)}(x^4 \times y^4)^5}{3 \times y^{(-2)}(x^{(-2)})^{(-1)}}$$

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

$$\frac{8x^{(-3)} \times y^{(-6)}(x^5 \times y^5)^4}{6 \times y^2(x^4)^2}$$

$$\frac{9x^{(-8)} \times y^6(x^{(-2)} \times y^{(-2)})^{(-3)}}{2 \times y^3(x^3)^{(-2)}}$$



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$$\frac{6x^2 \times y^{(-3)}(x^4 \times y^4)^5}{8 \times y^{(-1)}(x^2)^2}$$
$$\frac{3}{4}x^{18}y^{18}$$

$$x^{(-6)} \times y^{(-6)}(x^4 \times y^{(-12)})^{(-3)}$$
$$\frac{y^{30}}{x^{18}}$$

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

$$\frac{6x^{(-5)} \times y^3(x^{(-2)} \times y^{(-2)})^{(-2)}}{3 \times y^{(-2)}(x^{(-1)})^2}$$
$$2xy^9$$

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

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

$$\frac{6x^{(-6)} \times y^{(-5)}(x^4 \times y^4)^5}{3 \times y^{(-2)}(x^{(-2)})^{(-1)}}$$
$$2x^{12}y^{17}$$

$$6x^{(-3)} \times y^{(-3)}(x^{(-1)} \times y^{(-12)})^5$$
$$\frac{6}{x^8y^{63}}$$

$$\frac{8x^{(-3)} \times y^{(-6)}(x^5 \times y^5)^4}{6 \times y^2(x^4)^2}$$
$$\frac{4}{3}x^9y^{12}$$

$$\frac{9x^{(-8)} \times y^6(x^{(-2)} \times y^{(-2)})^{(-3)}}{2 \times y^3(x^3)^{(-2)}}$$
$$\frac{9}{2}x^4y^9$$