



Vereenvoudiging van exponentiële uitdrukkingen (2 variabelen)

Naam: _____

Datum: _____ Score: _____

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

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

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

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

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

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

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

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

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

$$\frac{8x^7 \times y^{(-1)}(x^4 \times y^4)^{(-2)}}{3 \times y^{(-3)}(x^4)^3}$$



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Naam: _____

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

$$x^5 \times y^5(x^{(-2)} \times y^6)^{(-3)}$$
$$\frac{x^{11}}{y^{13}}$$

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

$$5x^{(-6)} \times y^{(-6)}(x^{(-1)} \times y^{(-12)})^4$$
$$\frac{5}{x^{10}y^{54}}$$

$$3 \times y^4x^{(-6)}(x^{(-3)})^3x^{(-1)}(y^3)^2$$
$$\frac{3y^{10}}{x^{16}}$$

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

$$5x^{(-5)} \times y^{(-5)}(x^6 \times y^{(-2)})^5$$
$$\frac{5x^{25}}{y^{15}}$$

$$1 \times y^3x^{(-1)}(x^{(-2)})^5x^{(-3)}(y^3)^3$$
$$\frac{y^{12}}{x^{14}}$$

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

$$\frac{8x^7 \times y^{(-1)}(x^4 \times y^4)^{(-2)}}{3 \times y^{(-3)}(x^4)^3}$$
$$\frac{8}{3x^{13}y^6}$$