



Forenkling af eksponentudtryk (2 variabler)

Navn: _____

Dato: _____ Score: _____

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

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

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

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

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

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

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

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

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

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



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$$\frac{x^6 \times y^6 (x^{(-1)} \times y^{(-1)})^{(-3)}}{8 \times y^{(-1)} (x^{(-2)})^4}$$
$$\frac{1}{8} x^{17} y^{10}$$

$$3x^3 \times y^3 (x^6 \times y^5)^4$$
$$3x^{27} y^{23}$$

$$8 \times y^3 x^{(-4)} (x^6)^{(-1)} x^{(-1)} (y^4)^5$$
$$\frac{8y^{23}}{x^{11}}$$

$$\frac{4x^6 \times y^{(-1)} (x^5 \times y^5)^{(-2)}}{8 \times y^{(-1)} (x^{(-2)})^{(-2)}}$$
$$\frac{1}{2x^8 y^{10}}$$

$$1 \times y^{(-4)} x^{(-6)} (x^{(-3)})^4 x^{(-1)} (y^3)^{(-2)}$$
$$\frac{1}{x^{19} y^{10}}$$

$$6 \times y^{(-4)} x^4 (x^{(-2)})^4 x^{(-3)} (y^4)^4$$
$$\frac{6y^{12}}{x^7}$$

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

$$9x^{(-2)} \times y^{(-2)} (x^4 \times y^{(-3)})^{(-2)}$$
$$\frac{9y^4}{x^{10}}$$

$$\frac{2x^7 \times y^4 (x^3 \times y^3)^3}{1 \times y^{(-2)} (x^2)^{(-2)}}$$
$$2x^{20} y^{15}$$

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