



Forenkling af eksponentudtryk (2 variabler)

Navn: _____

Dato: _____ Score: _____

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

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

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

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

$$7x^5 \times y^5(x^4 \times y^4)^5$$

$$\frac{6x^9 \times y^{(-3)}(x^{(-1)} \times y^{(-1)})^{(-3)}}{1 \times y^2(x^3)^4}$$

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

$$\frac{8x^9 \times y^{(-3)}(x^{(-2)} \times y^{(-2)})^2}{2 \times y^{(-3)}(x^{(-1)})^4}$$

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

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



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$$5x^{(-1)} \times y^{(-1)}(x^6 \times y^{(-2)})^3$$
$$\frac{5x^{17}}{y^7}$$

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

$$5x^3 \times y^3(x^6 \times y^{(-3)})^5$$
$$\frac{5x^{33}}{y^{12}}$$

$$\frac{5x^3 \times y^{(-4)}(x^3 \times y^3)^{(-2)}}{7 \times y^{(-2)}(x^2)^{(-2)}}$$
$$\frac{5x}{7y^8}$$

$$7x^5 \times y^5(x^4 \times y^4)^5$$
$$7x^{25}y^{25}$$

$$\frac{6x^9 \times y^{(-3)}(x^{(-1)} \times y^{(-1)})^{(-3)}}{1 \times y^2(x^3)^4}$$
$$\frac{6}{y^2}$$

$$9 \times y^5x^{(-2)}(x^{(-1)})^2x^2(y^{(-3)})^{(-2)}$$
$$\frac{9y^{11}}{x^2}$$

$$\frac{8x^9 \times y^{(-3)}(x^{(-2)} \times y^{(-2)})^2}{2 \times y^{(-3)}(x^{(-1)})^4}$$
$$\frac{4x^9}{y^4}$$

$$x^{(-6)} \times y^{(-6)}(x^4 \times y^{(-2)})^4$$
$$\frac{x^{10}}{y^{14}}$$

$$8 \times y^{(-1)}x^{(-2)}(x^6)^{(-2)}x^{(-2)}(y^{(-1)})^{(-1)}$$
$$\frac{8}{x^{16}}$$