



Forenkling af eksponentudtryk (2 variabler)

Navn: _____

Dato: _____ Score: _____

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

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

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

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

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

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

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

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

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

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



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$$3x^{(-2)} \times y^{(-2)}(x^3 \times y^{(-3)})^5$$
$$\frac{3x^{13}}{y^{17}}$$

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

$$5 \times y^{(-4)}x^3(x^2)^3x^{(-2)}(y^2)^{(-1)}$$
$$\frac{5x^7}{y^6}$$

$$\frac{5x^{(-5)} \times y^{(-3)}(x^5 \times y^5)^5}{3 \times y^2(x^3)^{(-1)}}$$
$$\frac{5}{3}x^{23}y^{20}$$

$$4x^{(-4)} \times y^{(-4)}(x^6 \times y^{(-2)})^5$$
$$\frac{4x^{26}}{y^{14}}$$

$$4x^5 \times y^5(x^{(-3)} \times y^5)^5$$
$$\frac{4y^{30}}{x^{10}}$$

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

$$4x^6 \times y^6(x^5 \times y^{(-3)})^4$$
$$\frac{4x^{26}}{y^6}$$

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

$$2 \times y^4x^{(-1)}(x^{(-3)})^5x^2(y^{(-1)})^2$$
$$\frac{2y^2}{x^{14}}$$