



Forenkling af eksponentudtryk (2 variabler)

Navn: _____

Dato: _____ Score: _____

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

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

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

$$9x^2 \times y^2 (x^5 \times y^{(-2)})^6$$

$$\frac{9x^7 \times y^{(-6)} (x^5 \times y^5)^5}{8 \times y^2 (x^{(-2)})^4}$$

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

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

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

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

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



Forenkling af eksponentudtryk (2 variabler)

Navn: _____

Dato: _____ Score: _____

$$\frac{3 \times y^4 x^{(-5)} (x^4)^{(-3)} x^{(-2)} (y^4)^2}{x^{19}}$$

$$\frac{8 \times y^5 x^5 (x^5)^5 x^2 (y^{(-3)})^{(-1)}}{8x^{32}y^8}$$

$$\frac{9x^{(-6)} \times y^{(-6)} (x^6 \times y^6)^{(-3)}}{1 \times y^{(-1)} (x^{(-2)})^4} = \frac{9}{x^{16}y^{23}}$$

$$\frac{9x^2 \times y^2 (x^5 \times y^{(-2)})^6}{y^{10}} = \frac{9x^{32}}{y^{10}}$$

$$\frac{9x^7 \times y^{(-6)} (x^5 \times y^5)^5}{8 \times y^2 (x^{(-2)})^4} = \frac{9}{8}x^{40}y^{17}$$

$$\frac{6 \times y^{(-4)} x^4 (x^{(-3)})^{(-2)} x^3 (y^2)^5}{6x^{13}y^6}$$

$$\frac{8x^5 \times y^{(-6)} (x^{(-2)} \times y^{(-2)})^{(-3)}}{9 \times y^3 (x^3)^{(-2)}} = \frac{8x^{17}}{9y^3}$$

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

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

$$\frac{2x^4 \times y^4 (x^5 \times y^4)^{(-3)}}{x^{11}y^8}$$