Forenkling af eksponentudtryk (2 variabler)

Navn: _____ Dato: _____ Score: ____

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

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

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

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

$\frac{9x^{(-1)} \times y^{(-6)}(x^5 \times y^5)^3}{8 \times y^3(x^{(-2)})^{(-1)}}$

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

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

$9x^{(-5)} \times y^{(-5)}(x^{(-1)} \times y^{(-12)})^{(-3)}$

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

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

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Navn: _____ Dato: _____ Score: ____

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

$\frac{8x^{22}}{y^{10}}$

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

$\frac{1}{6}x^{27}y^{29}$

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

$\frac{9y^4}{x^{11}}$

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

$\frac{7x^{37}}{y^{19}}$

$\frac{9x^{(-1)} \times y^{(-6)}(x^5 \times y^5)^3}{8 \times y^3(x^{(-2)})^{(-1)}}$

$\frac{9}{8}x^{12}y^6$

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

$\frac{4}{7}x^{22}y^{19}$

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

$\frac{7}{6xy^{12}}$

$9x^{(-5)} \times y^{(-5)}(x^{(-1)} \times y^{(-12)})^{(-3)}$

$\frac{9y^{31}}{x^2}$

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

$\frac{3y^8}{x^{17}}$

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

$\frac{5y^4}{x^5}$