지수 표현 단순화(변수 2 개)

이름: _____ 날짜: _____ 점수: ____

$\frac{5x^{8} \times y^{3}(x^{5} \times y^{5})^{2}}{5 \times y^{(-1)}(x^{3})^{4}}$

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

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

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

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

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

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

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

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

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

지수 표현 단순화(변수 2 개)

이름: _____ 날짜: _____ 점수: ____

$\dfrac{5x^{8} \times y^{3}(x^{5} \times y^{5})^{2}}{5 \times y^{(-1)}(x^{3})^{4}}$

$x^{6}y^{14}$

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

$\dfrac{1}{2}x^{5}y^{12}$

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

$\dfrac{7}{xy^{9}}$

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

$\dfrac{8}{x^{8}y^{6}}$

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

$\dfrac{3x^{17}}{y^{4}}$

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

$5x^{22}y^{27}$

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

$\dfrac{1}{2x^{20}y^{10}}$

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

$8x^{3}y^{6}$

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

$\dfrac{1}{9x^{27}y^{15}}$

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

$\dfrac{6y^{12}}{7x^{9}}$