एक्सपोनेंट एक्सप्रेशन को सरल बनाना (2 चर)

नाम: _____ दिनांक: _____ स्कोर: ____

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

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

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

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

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

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

$$\frac{4x^{5} \times y^{5}(x^{(-1)} \times y^{(-1)})^{(-3)}}{9 \times y^{2}(x^{(-2)})^{2}}$$

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

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

$$\frac{8x^{(-9)} \times y^{(-6)}(x^{3} \times y^{3})^{5}}{3 \times y^{3}(x^{4})^{(-1)}}$$

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नाम: _____ दिनांक: _____ स्कोर: ____

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

$9x^4y^2$

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

$\frac{5x^5}{y^{17}}$

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

$5x^7$

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

$\frac{5x^{29}}{y^6}$

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

$\frac{3x^{35}}{y^5}$

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

$\frac{7}{xy^{11}}$

$\frac{4x^5 \times y^5(x^{(-1)} \times y^{(-1)})^{(-3)}}{9 \times y^2(x^{(-2)})^2}$

$\frac{4}{9}x^{12}y^6$

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

$7x^{12}y^2$

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

$\frac{3}{x^{15}y^6}$

$\frac{8x^{(-9)} \times y^{(-6)}(x^3 \times y^3)^5}{3 \times y^3(x^4)^{(-1)}}$

$\frac{8}{3}x^{10}y^6$