



지수 표현 단순화(변수 2 개)

이름: _____

날짜: _____ 점수: _____

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

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

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

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

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

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

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

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

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

$$\frac{8x^{(-7)} \times y^{(-4)}(x^{(-1)} \times y^{(-1)})^3}{4 \times y^{(-1)}(x^4)^{(-1)}}$$



지수 표현 단순화(변수 2 개)

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

$x^9 y^{11}$

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

$\frac{y^2}{x^3}$

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

$\frac{5y^{11}}{x^9}$

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

$\frac{6}{x^{15}y^7}$

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

$\frac{2y^7}{x^9}$

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

$\frac{5y^4}{x^{16}}$

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

$\frac{9}{x^{13}y^4}$

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

$\frac{3}{x^{11}y^{14}}$

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

$\frac{x^5}{y^2}$

$$\frac{8x^{(-7)} \times y^{(-4)}(x^{(-1)} \times y^{(-1)})^3}{4 \times y^{(-1)}(x^4)^{(-1)}}$$

$\frac{2}{x^6y^6}$