



지수 표현 단순화(변수 2 개)

이름: _____

날짜: _____ 점수: _____

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

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

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

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

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

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

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

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

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

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



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

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

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

$$\frac{4}{x^3y^{15}}$$

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

$$\frac{x^{25}}{y^5}$$

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

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

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

$$\frac{3}{4x^9y^{13}}$$

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

$$\frac{3x^{19}}{y^5}$$

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

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

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

$$\frac{6x^{16}}{y^{14}}$$

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

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

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

$$\frac{1}{4x^6y^{18}}$$