



지수 표현 단순화(변수 2 개)

이름: _____

날짜: _____ 점수: _____

$$\frac{5x^7 \times y^{(-3)}(x^4 \times y^4)^2}{9 \times y^{(-3)}(x^2)^4}$$

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

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

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

$$7x^2 \times y^2(x^2 \times y^{(-12)})^3$$

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

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

$$8x^{(-3)} \times y^{(-3)}(x^3 \times y^{(-12)})^6$$

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

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



지수 표현 단순화(변수 2 개)

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날짜: _____ 점수: _____

$$\frac{5x^7 \times y^{(-3)}(x^4 \times y^4)^2}{9 \times y^{(-3)}(x^2)^4}$$

$$\frac{5}{9}x^7y^8$$

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

$$\frac{6x^{17}}{y^3}$$

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

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

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

$$\frac{3}{x^{12}y^{12}}$$

$$7x^2 \times y^2(x^2 \times y^{(-12)})^3$$

$$\frac{7x^8}{y^{34}}$$

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

$$\frac{3}{y}$$

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

$$\frac{y^{23}}{x^7}$$

$$8x^{(-3)} \times y^{(-3)}(x^3 \times y^{(-12)})^6$$

$$\frac{8x^{15}}{y^{75}}$$

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

$$\frac{7}{4}x^{11}y^{16}$$

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

$$\frac{9x^8}{y^3}$$