



지수 표현 단순화(변수 2 개)

이름: _____

날짜: _____ 점수: _____

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

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

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

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

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

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

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

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

$$x^5 \times y^5(x^6 \times y^4)^2$$

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



이름: _____

날짜: _____ 점수: _____

$$3x^{(-3)} \times y^{(-3)}(x^6 \times y^{(-2)})^2$$
$$\frac{3x^9}{y^7}$$

$$2x^4 \times y^4(x^5 \times y^{(-3)})^2$$
$$\frac{2x^{14}}{y^2}$$

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

$$5 \times y^{(-1)}x^6(x^{(-3)})^{(-3)}x^3(y^4)^2$$
$$5x^{18}y^7$$

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

$$4 \times y^2x^5(x^5)^2x^2(y^{(-3)})^5$$
$$\frac{4x^{17}}{y^{13}}$$

$$8 \times y^5x^5(x^{(-3)})^{(-3)}x^3(y^4)^3$$
$$8x^{17}y^{17}$$

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

$$x^5 \times y^5(x^6 \times y^4)^2$$
$$x^{17}y^{13}$$

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