



## 지수 표현 단순화( 변수 2 개 )

이름: \_\_\_\_\_

날짜: \_\_\_\_\_ 점수: \_\_\_\_\_

$$\frac{4x^6 \times y^{(-4)}(x^5 \times y^5)^{(-3)}}{9 \times y^{(-2)}(x^{(-2)})^2}$$

$$\frac{9x^{(-1)} \times y^{(-1)}(x^6 \times y^6)^3}{8 \times y^{(-1)}(x^{(-2)})^{(-2)}}$$

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

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

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

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

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

$$\frac{6x^9 \times y^4(x^6 \times y^6)^{(-3)}}{5 \times y^{(-1)}(x^2)^4}$$

$$8x^5 \times y^5(x^{(-3)} \times y^{(-2)})^4$$

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



이름: \_\_\_\_\_

날짜: \_\_\_\_\_ 점수: \_\_\_\_\_

$$\frac{4x^6 \times y^{(-4)}(x^5 \times y^5)^{(-3)}}{9 \times y^{(-2)}(x^{(-2)})^2}$$

$$\frac{4}{9x^5y^{17}}$$

$$\frac{9x^{(-1)} \times y^{(-1)}(x^6 \times y^6)^3}{8 \times y^{(-1)}(x^{(-2)})^{(-2)}}$$

$$\frac{9}{8}x^{13}y^{18}$$

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

$$5x^{15}y^2$$

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

$$\frac{3}{2x^3y^4}$$

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

$$\frac{1}{x^{10}y^{14}}$$

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

$$\frac{4}{xy^9}$$

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

$$\frac{9x^{17}}{y^{15}}$$

$$\frac{6x^9 \times y^4(x^6 \times y^6)^{(-3)}}{5 \times y^{(-1)}(x^2)^4}$$

$$\frac{6}{5x^{17}y^{13}}$$

$$8x^5 \times y^5(x^{(-3)}) \times y^{(-2)}^4$$

$$\frac{8}{x^7y^3}$$

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

$$5x^{19}y^{18}$$