



# 지수 표현 단순화하기

이름: \_\_\_\_\_

날짜: \_\_\_\_\_ 점수: \_\_\_\_\_

$$3x^2(x^3)^6x^3$$

$$3x^{(-3)}(x^3)^3$$

$$9x^6(x^6)^3x^{(-3)}$$

$$3x^{(-5)}(x^5)^{(-3)}x^2$$

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

$$x^{(-2)}(x^{(-3)})^6x^{(-1)}$$

$$x^9(x^5)^2$$

$$\frac{x^{(-2)}(x^4)^2}{8x^3(x^{(-3)})^3}$$

$$\frac{9x^6(x^{(-3)})^{(-3)}}{9x^3(x^{(-3)})^4}$$

$$7x^2(x^{(-2)})^3$$



이름: \_\_\_\_\_

날짜: \_\_\_\_\_ 점수: \_\_\_\_\_

$$\frac{3x^2(x^3)^6x^3}{3x^{23}}$$

$$\frac{3x^{(-3)}(x^3)^3}{3x^6}$$

$$\frac{9x^6(x^6)^3x^{(-3)}}{9x^{21}}$$

$$\frac{3x^{(-5)}(x^5)^{(-3)}x^2}{x^{18}}$$

$$\frac{5x^5(x^{(-2)})^2}{2x^{(-1)}(x^{(-2)})^2}$$
$$\frac{5}{2}x^6$$

$$\frac{x^{(-2)}(x^{(-3)})^6x^{(-1)}}{x^{21}}$$

$$\frac{x^9(x^5)^2}{x^{19}}$$

$$\frac{x^{(-2)}(x^4)^2}{8x^3(x^{(-3)})^3}$$
$$\frac{x^{12}}{8}$$

$$\frac{9x^6(x^{(-3)})^{(-3)}}{9x^3(x^{(-3)})^4}$$
$$x^{24}$$

$$\frac{7x^2(x^{(-2)})^3}{x^4}$$