



## 簡化指數表達式

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

$$\frac{3x^6(x^6)^{-3}}{5x^3(x^3)^3}$$

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

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

$$7x^3(x^4)^{(-3)}$$

$$3x^9(x^5)^2x^{(-2)}$$

$$4x^5(x^3)^4x^3$$

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

$$9x^{(-1)}(x^2)^{(-2)}x^2$$

$$x^4(x^6)^{(-1)}x^2$$

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