



姓名: _____

日期: _____ 分數: _____

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

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

$$2x^7(x^2)^5x^{(-3)}$$

$$5x^4(x^2)^5x^{(-1)}$$

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

$$\frac{7x^8(x^3)^3}{6x^{(-3)}(x^{(-2)})^4}$$

$$5x^4(x^{(-3)})^4x^{(-1)}$$

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

$$8x^{(-9)}(x^2)^{(-1)}x^{(-2)}$$

$$\frac{7x^{(-7)}(x^{(-2)})^6}{6x^{(-2)}(x^2)^4}$$



簡化指數表達式

姓名: _____

日期: _____ 分數: _____

$$2x^{(-1)}(x^3)^{(-2)}x^2$$
$$\frac{2}{x^5}$$

$$9x^{(-6)}(x^4)^{(-2)}x^{(-3)}$$
$$\frac{9}{x^{17}}$$

$$2x^7(x^2)^5x^{(-3)}$$
$$2x^{14}$$

$$5x^4(x^2)^5x^{(-1)}$$
$$5x^{13}$$

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

$$\frac{7x^8(x^3)^3}{6x^{(-3)}(x^{(-2)})^4}$$
$$\frac{7}{6}x^{28}$$

$$5x^4(x^{(-3)})^4x^{(-1)}$$
$$\frac{5}{x^9}$$

$$\frac{2x^{(-4)}(x^4)^5}{8x^2(x^{(-3)})^4}$$
$$\frac{x^{26}}{4}$$

$$8x^{(-9)}(x^2)^{(-1)}x^{(-2)}$$
$$\frac{8}{x^{13}}$$

$$\frac{7x^{(-7)}(x^{(-2)})^6}{6x^{(-2)}(x^2)^4}$$
$$\frac{7}{6x^{25}}$$