



簡化指數表達式

姓名: _____

日期: _____ 分數: _____

$$8x^{(-2)}(x^4)^4x^{(-2)}$$

$$5x^6(x^3)^4x^{(-2)}$$

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

$$9x^7(x^{(-3)})^{(-3)}$$

$$3x^4(x^5)^2x^3$$

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

$$\frac{5x^6(x^{(-2)})^2}{6x^{(-2)}(x^2)^4}$$

$$\frac{7x^{(-7)}(x^5)^6}{x^2(x^{(-3)})^{(-2)}}$$

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

$$9x^7(x^{(-2)})^{(-1)}$$



簡化指數表達式

姓名: _____

日期: _____ 分數: _____

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

$$\frac{5x^6(x^3)^4x^{(-2)}}{5x^{16}}$$

$$\frac{3x^{(-3)}(x^3)^4}{4x^2(x^2)^{(-3)}} \\ \frac{3}{4}x^{13}$$

$$\frac{9x^7(x^{(-3)})^{(-3)}}{9x^{16}}$$

$$\frac{3x^4(x^5)^2x^3}{3x^{17}}$$

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

$$\frac{5x^6(x^{(-2)})^2}{6x^{(-2)}(x^2)^4} \\ \frac{5}{6x^4}$$

$$\frac{7x^{(-7)}(x^5)^6}{x^2(x^{(-3)})^{(-2)}} \\ 7x^{15}$$

$$\frac{9x^{(-4)}(x^4)^3}{9x^8}$$

$$\frac{9x^7(x^{(-2)})^{(-1)}}{9x^9}$$