



簡化指數表達式

姓名: _____

日期: _____ 分數: _____

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

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

$$3x^5(x^6)^3x^2$$

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

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

$$\frac{3x^7(x^5)^6}{2x^{(-1)}(x^{(-2)})^3}$$

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

$$4x^9(x^5)^2x^{(-2)}$$

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

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



簡化指數表達式

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

$$5x^{(-6)}(x^{(-2)})^4$$
$$\frac{5}{x^{14}}$$

$$3x^5(x^6)^3x^2$$
$$3x^{25}$$

$$8x^{(-6)}(x^4)^{(-3)}x^2$$
$$\frac{8}{x^{16}}$$

$$2x^6(x^5)^{(-1)}x^3$$
$$2x^4$$

$$\frac{3x^7(x^5)^6}{2x^{(-1)}(x^{(-2)})^3}$$
$$\frac{3}{2}x^{44}$$

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

$$4x^9(x^5)^2x^{(-2)}$$
$$4x^{17}$$

$$2x^{(-8)}(x^5)^4$$
$$2x^{12}$$

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