



簡化指數表達式

姓名: _____

日期: _____ 分數: _____

$$\frac{4x^7(x^6)^5}{3x^3(x^4)^{(-3)}}$$

$$\frac{9x^{(-3)}(x^6)^6}{8x^2(x^4)^4}$$

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

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

$$9x^7(x^{(-2)})^{(-3)}x^3$$

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

$$3x^9(x^4)^6$$

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

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

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



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$$\frac{4x^7(x^6)^5}{3x^3(x^4)^{(-3)}}$$
$$\frac{4}{3}x^{46}$$

$$\frac{9x^{(-3)}(x^6)^6}{8x^2(x^4)^4}$$
$$\frac{9}{8}x^{15}$$

$$2x^{(-6)}(x^{(-2)})^5x^{(-1)}$$
$$\frac{2}{x^{17}}$$

$$\frac{x^2(x^2)^2}{3x^3(x^4)^4}$$
$$\frac{1}{3x^{13}}$$

$$9x^7(x^{(-2)})^{(-3)}x^3$$
$$9x^{16}$$

$$x^{(-4)}(x^5)^{(-2)}x^2$$
$$\frac{1}{x^{12}}$$

$$3x^9(x^4)^6$$
$$3x^{33}$$

$$3x^{(-8)}(x^6)^{(-2)}x^2$$
$$\frac{3}{x^{18}}$$

$$2x^{(-4)}(x^3)^{(-2)}$$
$$\frac{2}{x^{10}}$$

$$3x^{(-2)}(x^{(-3)})^{(-3)}x^3$$
$$3x^{10}$$