



簡化指數表達式

姓名: _____

日期: _____ 分數: _____

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

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

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

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

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

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

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

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

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

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



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$$\frac{3x^6(x^6)^{-3}}{5x^3(x^3)^3}$$
$$\frac{3}{5x^{24}}$$

$$3x^{(-5)}(x^{(-2)})^4x^3$$
$$\frac{3}{x^{10}}$$

$$\frac{6x^{(-4)}(x^6)^{-2}}{x^{(-2)}(x^4)^2}$$
$$\frac{6}{x^{22}}$$

$$7x^3(x^4)^{-3}$$
$$\frac{7}{x^9}$$

$$3x^9(x^5)^2x^{(-2)}$$
$$3x^{17}$$

$$4x^5(x^3)^4x^3$$
$$4x^{20}$$

$$\frac{6x^{(-2)}(x^3)^2}{9x^{(-3)}(x^4)^{-3}}$$
$$\frac{2}{3}x^{19}$$

$$9x^{(-1)}(x^2)^{-2}x^2$$
$$\frac{9}{x^3}$$

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

$$2x^{(-1)}(x^3)^2x^3$$
$$2x^8$$