



簡化指數表達式(2變數)

姓名: _____

日期: _____ 分數: _____

$$8 \times y^3 x^{(-4)} (x^6)^2 x^{(-3)} (y^2)^5$$

$$\frac{6x^8 \times y^{(-5)} (x^{(-1)} \times y^{(-1)})^4}{3 \times y^{(-2)} (x^{(-1)})^3}$$

$$\frac{5x^5 \times y^{(-1)} (x^5 \times y^5)^2}{8 \times y^{(-1)} (x^3)^2}$$

$$\frac{9x^6 \times y^{(-1)} (x^2 \times y^2)^4}{7 \times y^{(-1)} (x^4)^3}$$

$$2 \times y^{(-4)} x^{(-2)} (x^{(-3)})^6 x^{(-2)} (y^{(-1)})^{(-2)}$$

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

$$\frac{3x^{(-1)} \times y^4 (x^2 \times y^2)^{(-3)}}{7 \times y^{(-3)} (x^3)^{(-2)}}$$

$$\frac{7x^{(-7)} \times y^4 (x^3 \times y^3)^4}{8 \times y^2 (x^{(-1)})^3}$$

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

$$5x^3 \times y^3 (x^5 \times y^6)^4$$



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$$8 \times y^3 x^{(-4)} (x^6)^2 x^{(-3)} (y^2)^5$$
$$8x^5 y^{13}$$

$$\frac{6x^8 \times y^{(-5)} (x^{(-1)} \times y^{(-1)})^4}{3 \times y^{(-2)} (x^{(-1)})^3}$$
$$\frac{2x^7}{y^7}$$

$$\frac{5x^5 \times y^{(-1)} (x^5 \times y^5)^2}{8 \times y^{(-1)} (x^3)^2}$$
$$\frac{5}{8} x^9 y^{10}$$

$$\frac{9x^6 \times y^{(-1)} (x^2 \times y^2)^4}{7 \times y^{(-1)} (x^4)^3}$$
$$\frac{9}{7} x^2 y^8$$

$$2 \times y^{(-4)} x^{(-2)} (x^{(-3)})^6 x^{(-2)} (y^{(-1)})^{(-2)}$$
$$\frac{2}{x^{22} y^2}$$

$$2 \times y^3 x^2 (x^5)^3 x^{(-1)} (y^{(-1)})^5$$
$$\frac{2x^{16}}{y^2}$$

$$\frac{3x^{(-1)} \times y^4 (x^2 \times y^2)^{(-3)}}{7 \times y^{(-3)} (x^3)^{(-2)}}$$
$$\frac{3y}{7x}$$

$$\frac{7x^{(-7)} \times y^4 (x^3 \times y^3)^4}{8 \times y^2 (x^{(-1)})^3}$$
$$\frac{7}{8} x^8 y^{14}$$

$$2x^{(-4)} \times y^{(-4)} (x^6 \times y^5)^{(-3)}$$
$$\frac{2}{x^{22} y^{19}}$$

$$5x^3 \times y^3 (x^5 \times y^6)^4$$
$$5x^{23} y^{27}$$