



簡化指數表達式(2變數)

姓名: _____

日期: _____ 分數: _____

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

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

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

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

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

$$\frac{6x^9 \times y^5 (x^5 \times y^5)^5}{6 \times y^{(-2)} (x^3)^2}$$

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

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

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

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



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

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

$$2 \times y^2 x^4 (x^{(-3)})^6 x^{(-1)} (y^4)^{(-1)}$$
$$\frac{2}{x^{15} y^2}$$

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

$$\frac{7x^{(-7)} \times y^2 (x^6 \times y^6)^3}{7 \times y^{(-2)} (x^{(-1)})^3}$$
$$x^{14} y^{22}$$

$$\frac{6x^9 \times y^5 (x^5 \times y^5)^5}{6 \times y^{(-2)} (x^3)^2}$$
$$x^{28} y^{32}$$

$$4x^4 \times y^4 (x^{(-2)}) \times y^{(-3)}^6$$
$$\frac{4}{x^8 y^{14}}$$

$$5x^{(-5)} \times y^{(-5)} (x^2 \times y^4)^{(-3)}$$
$$\frac{5}{x^{11} y^{17}}$$

$$\frac{7x^9 \times y^{(-1)} (x^3 \times y^3)^3}{3 \times y^{(-3)} (x^4)^{(-2)}}$$
$$\frac{7}{3} x^{26} y^{11}$$

$$\frac{9x^{(-2)} \times y^6 (x^2 \times y^2)^2}{1 \times y^3 (x^4)^4}$$
$$\frac{9y^7}{x^{14}}$$