



## 简化指数表达式(2变数)

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分数: \_\_\_\_\_

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

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

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

$$\frac{5x^{(-9)} \times y^{(-6)} (x^3 \times y^3)^5}{5 \times y^2 (x^4)^{(-2)}}$$

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

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

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

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

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

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



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$$x^{(-3)} \times y^{(-3)} (x^5 \times y^6)^2$$
$$x^7 y^9$$

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

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

$$\frac{5x^{(-9)} \times y^{(-6)} (x^3 \times y^3)^5}{5 \times y^2 (x^4)^{(-2)}}$$
$$x^{14} y^7$$

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

$$7 \times y^{(-2)} x^{(-4)} (x^4)^6 x^{(-3)} (y^{(-3)})^{(-2)}$$
$$7x^{17} y^4$$

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

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

$$\frac{4x^{(-3)} \times y^{(-4)} (x^6 \times y^6)^3}{1 \times y^3 (x^4)^3}$$
$$4x^3 y^{11}$$

$$\frac{4x^3 \times y^{(-2)} (x^6 \times y^6)^{(-2)}}{3 \times y^{(-2)} (x^{(-1)})^{(-1)}}$$
$$\frac{4}{3x^{10} y^{12}}$$