



## 简化指数表达式(2变数)

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分数: \_\_\_\_\_

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

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

$$\frac{9x^{(-4)} \times y^{(-5)}(x^3 \times y^3)^5}{1 \times y^{(-1)}(x^3)^{(-2)}}$$

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

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

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

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

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

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

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



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$$9x^2 \times y^2(x^{-1}) \times y^6)^{-2}$$
$$\frac{9x^4}{y^{10}}$$

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

$$\frac{9x^{(-4)} \times y^{(-5)}(x^3 \times y^3)^5}{1 \times y^{(-1)}(x^3)^{-2}}$$
$$9x^{17}y^{11}$$

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

$$2x^{(-4)} \times y^{(-4)}(x^6 \times y^{(-12)})^3$$
$$\frac{2x^{14}}{y^{40}}$$

$$9 \times y^{(-4)}x^2(x^2)^6x^2(y^{(-1)})^3$$
$$\frac{9x^{16}}{y^7}$$

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

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

$$\frac{7x^5 \times y^{(-5)}(x^6 \times y^6)^2}{5 \times y^{(-2)}(x^3)^2}$$
$$\frac{7}{5}x^{11}y^9$$

$$\frac{5x^2 \times y^{(-4)}(x^4 \times y^4)^5}{1 \times y^{(-3)}(x^{(-2)})^3}$$
$$5x^{28}y^{19}$$