



简化指数表达式(2变数)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

$$\frac{9x^6 \times y^{(-6)}(x^5 \times y^5)^4}{6 \times y^{(-2)}(x^4)^{(-1)}}$$

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

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

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

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

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



简化指数表达式(2变数)

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

$$\frac{5 \times y^2x^{(-5)}(x^6)^4x^2(y^2)^5}{5x^{21}y^{12}}$$

$$\frac{2 \times y^5x^{(-5)}(x^4)^4x^{(-2)}(y^4)^4}{2x^9y^{21}}$$

$$\frac{5x^4 \times y^4(x^5 \times y^5)^5}{7 \times y^2(x^3)^4} \\ \frac{5}{7}x^{17}y^{27}$$

$$\frac{9x^6 \times y^{(-6)}(x^5 \times y^5)^4}{6 \times y^{(-2)}(x^4)^{(-1)}} \\ \frac{3}{2}x^{30}y^{16}$$

$$\frac{x^{(-4)} \times y^{(-4)}(x^6 \times y^4)^{(-1)}}{\frac{1}{x^{10}y^8}}$$

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

$$\frac{5x^7 \times y^{(-6)}(x^3 \times y^3)^5}{5 \times y^{(-1)}(x^4)^3} \\ x^{10}y^{10}$$

$$\frac{4x^{(-5)} \times y^{(-1)}(x^4 \times y^4)^5}{5 \times y^{(-3)}(x^2)^4} \\ \frac{4}{5}x^7y^{22}$$

$$\frac{4x^{(-5)} \times y^{(-5)}(x^2 \times y^{(-3)})^6}{\frac{4x^7}{y^{23}}}$$