



简化指数表达式(2变数)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

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

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

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

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

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

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



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$$\frac{4x^8 \times y^4(x^5 \times y^5)^{(-3)}}{2 \times y^2(x^{(-1)})^{(-1)}}$$
$$\frac{2}{x^8y^{13}}$$

$$3 \times y^2x^{(-6)}(x^3)^3x^{(-1)}(y^3)^3$$
$$3x^2y^{11}$$

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

$$9x^{(-2)} \times y^{(-2)}(x^2 \times y^6)^4$$
$$9x^6y^{22}$$

$$3x^{(-4)} \times y^{(-4)}(x^5 \times y^4)^6$$
$$3x^{26}y^{20}$$

$$9 \times y^4x^{(-3)}(x^{(-1)})^4x^{(-2)}(y^4)^4$$
$$\frac{9y^{20}}{x^9}$$

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

$$7 \times y^{(-3)}x^{(-5)}(x^{(-1)})^5x^{(-3)}(y^{(-1)})^{(-2)}$$
$$\frac{7}{x^{13}y}$$

$$7x^{(-1)} \times y^{(-1)}(x^2 \times y^6)^5$$
$$7x^9y^{29}$$

$$\frac{9x^9 \times y^{(-1)}(x^3 \times y^3)^3}{9 \times y^{(-3)}(x^4)^3}$$
$$x^6y^{11}$$