



简化指数表达式(2变数)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

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

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

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

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

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

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



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$$\frac{3x^7 \times y^4(x^3 \times y^3)^3}{5 \times y^2(x^{-1})^{(-2)}} \\ \frac{3}{5}x^{14}y^{11}$$

$$4 \times y^{(-4)}x^4(x^5)^6x^{(-3)}(y^{(-3)})^5 \\ \frac{4x^{31}}{y^{19}}$$

$$6 \times y^2x^{(-3)}(x^{(-1)})^6x^2(y^2)^4 \\ \frac{6y^{10}}{x^7}$$

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

$$9 \times y^5x^2(x^5)^5x^3(y^2)^{(-2)} \\ 9x^{30}y$$

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

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

$$3 \times y^{(-3)}x^4(x^{(-2)})^6x^{(-3)}(y^{(-1)})^5 \\ \frac{3}{x^{11}y^8}$$

$$9 \times y^{(-1)}x^{(-2)}(x^6)^{(-3)}x^{(-1)}(y^{(-1)})^5 \\ \frac{9}{x^{21}y^6}$$

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