



## 指数式の簡略化(2変数)

名前: \_\_\_\_\_

日にち: \_\_\_\_\_ スコア: \_\_\_\_\_

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

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

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

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

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

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

$$\frac{x^{(-7)} \times y^{(-2)} (x^5 \times y^5)^4}{6 \times y^{(-1)} (x^4)^{(-1)}}$$

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

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

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



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$$9 \times y^2 x^{(-4)} (x^{(-3)})^5 x^{(-2)} (y^{(-1)})^3$$
$$\frac{9}{x^{21} y}$$

$$3 \times y^3 x^6 (x^{(-3)})^6 x^3 (y^3)^5$$
$$\frac{3y^{18}}{x^9}$$

$$\frac{6x^5 \times y^4 (x^5 \times y^5)^4}{8 \times y^{(-3)} (x^2)^{(-1)}}$$
$$\frac{3}{4} x^{27} y^{27}$$

$$\frac{9x^{(-9)} \times y^5 (x^5 \times y^5)^2}{2 \times y^3 (x^4)^{(-2)}}$$
$$\frac{9}{2} x^9 y^{12}$$

$$8 \times y^{(-3)} x^4 (x^4)^4 x^{(-2)} (y^{(-1)})^4$$
$$\frac{8x^{18}}{y^7}$$

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

$$\frac{x^{(-7)} \times y^{(-2)} (x^5 \times y^5)^4}{6 \times y^{(-1)} (x^4)^{(-1)}}$$
$$\frac{1}{6} x^{17} y^{19}$$

$$6 \times y^2 x^{(-3)} (x^{(-2)})^{(-3)} x^2 (y^2)^4$$
$$6x^5 y^{10}$$

$$2 \times y^{(-4)} x^5 (x^6)^2 x^{(-1)} (y^4)^3$$
$$2x^{16} y^8$$

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