



指数式の簡略化(2変数)

名前: _____

日にち: _____ スコア: _____

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

$$8x^6 \times y^6(x^4 \times y^{(-2)})^2$$

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

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

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

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

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

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

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

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



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$$x^{(-5)} \times y^{(-5)} (x^4 \times y^{(-3)})^5$$
$$\frac{x^{15}}{y^{20}}$$

$$8x^6 \times y^6 (x^4 \times y^{(-2)})^2$$
$$8x^{14}y^2$$

$$\frac{7x^6 \times y^5 (x^{(-2)} \times y^{(-2)})^2}{3 \times y^{(-2)} (x^{(-2)})^4}$$
$$\frac{7}{3}x^{10}y^3$$

$$4x^{(-5)} \times y^{(-5)} (x^2 \times y^{(-2)})^5$$
$$\frac{4x^5}{y^{15}}$$

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

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

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

$$9 \times y^{(-3)} x^2 (x^5)^{(-2)} x^3 (y^4)^{(-1)}$$
$$\frac{9}{x^5y^7}$$

$$x^5 \times y^5 (x^{(-1)} \times y^5)^5$$
$$y^{30}$$

$$8x^{(-2)} \times y^{(-2)} (x^3 \times y^4)^5$$
$$8x^{13}y^{18}$$