



简化指数表达式(2变数)

姓名: _____

日期: _____ 分数: _____

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

$$\frac{8x^{(-6)} \times y^{(-1)}(x^2 \times y^2)^5}{9 \times y^3(x^{(-2)})^2}$$

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

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

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

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

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

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

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

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



姓名: _____

日期: _____ 分数: _____

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

$$\frac{8x^{(-6)} \times y^{(-1)}(x^2 \times y^2)^5}{9 \times y^3(x^{(-2)})^2}$$
$$\frac{8}{9}x^8y^6$$

$$\frac{7x^{(-7)} \times y^{(-1)}(x^4 \times y^4)^{-3}}{2 \times y^2(x^4)^2}$$
$$\frac{7}{2x^{27}y^{15}}$$

$$\frac{3x^{(-2)} \times y^2(x^6 \times y^6)^5}{5 \times y^{(-3)}(x^{(-1)})^3}$$
$$\frac{3}{5}x^{31}y^{35}$$

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

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

$$\frac{5x^2 \times y^{(-6)}(x^6 \times y^6)^{-2}}{1 \times y^3(x^{(-2)})^{(-1)}}$$
$$\frac{5}{x^{12}y^{21}}$$

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

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

$$\frac{4x^{(-6)} \times y^{(-6)}(x^3 \times y^6)^4}{4x^6y^{18}}$$
$$4x^6y^{18}$$