



簡化指數表達式(2變數)

姓名: _____

日期: _____ 分數: _____

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

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

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

$$7x^4 \times y^4(x^{(-3)} \times y^{(-12)})^3$$

$$8x^{(-6)} \times y^{(-6)}(x^{(-1)} \times y^{(-12)})^3$$

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

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

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

$$\frac{7x^{(-3)} \times y^{(-2)}(x^6 \times y^6)^4}{9 \times y^3(x^2)^{(-2)}}$$

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



簡化指數表達式(2變數)

姓名: _____

日期: _____ 分數: _____

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

$$\frac{1}{6}x^2y^{14}$$

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

$$\frac{1}{4x^{14}y^{16}}$$

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

$$\frac{5y^{29}}{x^{19}}$$

$$7x^4 \times y^4(x^{(-3)} \times y^{(-12)})^3$$

$$\frac{7}{x^5y^{32}}$$

$$8x^{(-6)} \times y^{(-6)}(x^{(-1)} \times y^{(-12)})^3$$

$$\frac{8}{x^9y^{42}}$$

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

$$\frac{y}{x^3}$$

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

$$\frac{2y^{11}}{x^{14}}$$

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

$$\frac{6}{x^2y^2}$$

$$\frac{7x^{(-3)} \times y^{(-2)}(x^6 \times y^6)^4}{9 \times y^3(x^2)^{(-2)}}$$

$$\frac{7}{9}x^{25}y^{19}$$

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

$$\frac{5y^{11}}{x^{15}}$$