



ลดความซับซ้อนของนิพจน์เลขชี้กำลัง (2 ตัวแปร)

ชื่อ: _____

วันที่: _____ คะแนน: _____

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

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

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

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

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

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

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

$$\frac{8x^9 \times y^{(-5)}(x^2 \times y^2)^4}{6 \times y^{(-2)}(x^{(-2)})^4}$$

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

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



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$$\frac{6x^{(-7)} \times y^{(-1)}(x^5 \times y^5)^{(-2)}}{7 \times y^{(-1)}(x^{(-2)})^{(-1)}} \\ \frac{6}{7x^{19}y^{10}}$$

$$5x^{(-5)} \times y^{(-5)}(x^3 \times y^5)^6 \\ 5x^{13}y^{25}$$

$$8 \times y^{(-2)}x^{(-4)}(x^5)^3x^3(y^3)^3 \\ 8x^{14}y^7$$

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

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

$$9x^{(-4)} \times y^{(-4)}(x^6 \times y^4)^{(-2)} \\ \frac{9}{x^{16}y^{12}}$$

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

$$\frac{8x^9 \times y^{(-5)}(x^2 \times y^2)^4}{6 \times y^{(-2)}(x^{(-2)})^4} \\ \frac{4}{3}x^{25}y^5$$

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

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