



ลดความซับซ้อนของนิพจน์เลขชี้กำลัง (2 ตัวแปร)

ชื่อ: _____

วันที่: _____ คะแนน: _____

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

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

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

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

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

$$7 \times y^4x^3(x^5)^5x^3(y^3)^2$$

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

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

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

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



ชื่อ: _____

วันที่: _____ คะแนน: _____

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

$$9x^6 \times y^6(x^{(-2)} \times y^3)^3$$
$$9y^{15}$$

$$3x^4 \times y^4(x^4 \times y^5)^{(-3)}$$
$$\frac{3}{x^8y^{11}}$$

$$3 \times y^{(-3)}x^{(-3)}(x^5)^{(-3)}x^{(-1)}(y^3)^2$$
$$\frac{3y^3}{x^{19}}$$

$$1 \times y^{(-3)}x^3(x^5)^3x^{(-1)}(y^{(-3)})^2$$
$$\frac{x^{17}}{y^9}$$

$$7 \times y^4x^3(x^5)^5x^3(y^3)^2$$
$$7x^{31}y^{10}$$

$$\frac{5x^{(-8)} \times y^{(-2)}(x^3 \times y^3)^{(-3)}}{2 \times y^{(-1)}(x^{(-1)})^2}$$
$$\frac{5}{2x^{15}y^{10}}$$

$$5 \times y^4x^5(x^3)^3x^{(-2)}(y^3)^{(-1)}$$
$$5x^{12}y$$

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

$$3x^4 \times y^4(x^5 \times y^{(-12)})^5$$
$$\frac{3x^{29}}{y^{56}}$$