



ลดความซับซ้อนของนิพจน์เลขชี้กำลัง (2 ตัวแปร)

ชื่อ: _____

วันที่: _____ คะแนน: _____

$$1 \times y^3 x^4 (x^5)^6 x^{(-2)} (y^2)^5$$

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

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

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

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

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

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

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

$$4x^4 \times y^4 (x^5 \times y^6)^5$$

$$\frac{8x^{(-9)} \times y^{(-1)} (x^4 \times y^4)^2}{3 \times y^{(-2)} (x^{(-1)})^4}$$



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ชื่อ: _____

วันที่: _____ คะแนน: _____

$$1 \times y^3 x^4 (x^5)^6 x^{(-2)} (y^2)^5$$
$$x^{32} y^{13}$$

$$4 \times y^{(-4)} x^6 (x^3)^2 x^3 (y^{(-1)})^3$$
$$\frac{4x^{15}}{y^7}$$

$$\frac{2x^7 \times y^{(-4)} (x^{(-2)} \times y^{(-2)})^5}{3 \times y^2 (x^4)^3}$$
$$\frac{2}{3x^{15} y^{16}}$$

$$9 \times y^3 x^4 (x^5)^3 x^{(-1)} (y^3)^2$$
$$9x^{18} y^9$$

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

$$7x^{(-4)} \times y^{(-4)} (x^{(-2)} \times y^6)^3$$
$$\frac{7y^{14}}{x^{10}}$$

$$\frac{8x^{(-8)} \times y^5 (x^2 \times y^2)^4}{9 \times y^3 (x^{(-2)})^2}$$
$$\frac{8}{9} x^4 y^{10}$$

$$3x^5 \times y^5 (x^{(-1)} \times y^{(-2)})^{(-3)}$$
$$3x^8 y^{11}$$

$$4x^4 \times y^4 (x^5 \times y^6)^5$$
$$4x^{29} y^{34}$$

$$\frac{8x^{(-9)} \times y^{(-1)} (x^4 \times y^4)^2}{3 \times y^{(-2)} (x^{(-1)})^4}$$
$$\frac{8}{3} x^3 y^9$$