



ลดความซับซ้อนของนิพจน์เลขชี้กำลัง (2 ตัวแปร)

ชื่อ: _____

วันที่: _____ คะแนน: _____

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

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

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

$$\frac{9x^{(-7)} \times y^{(-2)}(x^5 \times y^5)^3}{4 \times y^{(-3)}(x^2)^3}$$

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

$$6x^4 \times y^4(x^2 \times y^4)^5$$

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

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

$$\frac{8x^{(-1)} \times y^{(-6)}(x^5 \times y^5)^{(-2)}}{4 \times y^{(-1)}(x^{(-1)})^3}$$

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



ชื่อ: _____

วันที่: _____ คะแนน: _____

$$6x^{(-6)} \times y^{(-6)}(x^5 \times y^6)^4$$
$$6x^{14}y^{18}$$

$$8x^{(-5)} \times y^{(-5)}(x^{(-2)} \times y^5)^4$$
$$\frac{8y^{15}}{x^{13}}$$

$$6 \times y^3x^{(-6)}(x^4)^5x^3(y^3)^2$$
$$6x^{17}y^9$$

$$\frac{9x^{(-7)} \times y^{(-2)}(x^5 \times y^5)^3}{4 \times y^{(-3)}(x^2)^3}$$
$$\frac{9}{4}x^2y^{16}$$

$$1 \times y^{(-2)}x^3(x^6)^3x^{(-3)}(y^{(-2)})^4$$
$$\frac{x^{18}}{y^{10}}$$

$$6x^4 \times y^4(x^2 \times y^4)^5$$
$$6x^{14}y^{24}$$

$$\frac{2x^4 \times y^2(x^4 \times y^4)^2}{6 \times y^{(-1)}(x^{(-1)})^2}$$
$$\frac{1}{3}x^{14}y^{11}$$

$$3x^3 \times y^3(x^2 \times y^{(-2)})^5$$
$$\frac{3x^{13}}{y^7}$$

$$\frac{8x^{(-1)} \times y^{(-6)}(x^5 \times y^5)^{(-2)}}{4 \times y^{(-1)}(x^{(-1)})^3}$$
$$\frac{2}{x^8y^{15}}$$

$$3 \times y^{(-1)}x^2(x^{(-1)})^{(-1)}x^3(y^3)^4$$
$$3x^6y^{11}$$