



EkspONENTTILAUSEKKEIDEN YKSINKERTAISTAMINEN (2
muuttujaa)

Nimi: _____

Päivämäärä: _____ Pisteet: _____

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

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

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

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

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

$$\frac{7x^{(-8)} \times y^{(-6)} (x^4 \times y^4)^3}{9 \times y^{(-1)} (x^2)^{(-1)}}$$

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

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

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

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



Nimi: _____

Päivämäärä: _____ Pisteet: _____

$$\frac{7x^{(-3)} \times y^{(-4)}(x^2 \times y^2)^{(-2)}}{1 \times y^3(x^3)^4}$$
$$\frac{7}{x^{19}y^{11}}$$

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

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$$\frac{6x^{(-2)} \times y^4(x^{(-2)} \times y^{(-2)})^3}{8 \times y^2(x^2)^3}$$
$$\frac{3}{4x^{14}y^4}$$

$$3x^3 \times y^3(x^{(-3)} \times y^6)^{(-3)}$$
$$\frac{3x^{12}}{y^{15}}$$

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

$$\frac{7x^{(-8)} \times y^{(-6)}(x^4 \times y^4)^3}{9 \times y^{(-1)}(x^2)^{(-1)}}$$
$$\frac{7}{9}x^6y^7$$

$$\frac{5x^{(-8)} \times y^4(x^4 \times y^4)^{(-3)}}{6 \times y^3(x^2)^{(-1)}}$$
$$\frac{5}{6x^{18}y^{11}}$$

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

$$5x^4 \times y^4(x^5 \times y^{(-12)})^{(-1)}$$
$$\frac{5y^{16}}{x}$$

$$8x^{(-3)} \times y^{(-3)}(x^6 \times y^6)^{(-3)}$$
$$\frac{8}{x^{21}y^{21}}$$