



EkspONENTTILAUSEKKEIDEN YKSINKERTAISTAMINEN (2
muuttujaa)

Nimi: _____

Päivämäärä: _____ Pisteet: _____

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

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

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

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

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

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

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

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

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

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



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$$1 \times y^{(-2)}x^6(x^4)^2x^3(y^2)^5$$
$$x^{17}y^8$$

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

$$8x^2 \times y^2(x^{(-1)} \times y^5)^6$$
$$\frac{8y^{32}}{x^4}$$

$$2 \times y^2x^{(-1)}(x^6)^{(-3)}x^{(-1)}(y^2)^{(-1)}$$
$$\frac{2}{x^{20}}$$

$$\frac{6x^5 \times y^{(-2)}(x^4 \times y^4)^4}{6 \times y^2(x^3)^4}$$
$$x^9y^{12}$$

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

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

$$3 \times y^{(-3)}x^3(x^5)^2x^{(-1)}(y^{(-2)})^5$$
$$\frac{3x^{12}}{y^{13}}$$

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

$$1 \times y^5x^5(x^4)^{(-3)}x^{(-2)}(y^2)^4$$
$$\frac{y^{13}}{x^9}$$