



## EkspONENTTILAUSEKKEIDEN YKSINKERTAISTAMINEN

Nimi: \_\_\_\_\_

Päivämäärä: \_\_\_\_\_ Pisteet: \_\_\_\_\_

$$7x^9(x^{-2})^6x^3$$

$$5x^{(-7)}(x^4)^5$$

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

$$9x^9(x^6)^2$$

$$\frac{6x^3(x^5)^{(-3)}}{7x^2(x^{-3})^2}$$

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

$$x^7(x^{(-2)})^{(-1)}$$

$$9x^{(-7)}(x^2)^6$$

$$6x^3(x^{(-3)})^2x^{(-3)}$$

$$2x^{(-5)}(x^6)^2x^3$$



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Nimi: \_\_\_\_\_

Päivämäärä: \_\_\_\_\_ Pisteet: \_\_\_\_\_

$$7x^9(x^{-2})^6x^3$$

$7$

$$5x^{(-7)}(x^4)^5$$

$5x^{13}$

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

$\frac{2}{3}x^{11}$

$$9x^9(x^6)^2$$

$9x^{21}$

$$\frac{6x^3(x^5)^{(-3)}}{7x^2(x^{-3})^2}$$

$\frac{6}{7x^8}$

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

$\frac{5}{4x^{25}}$

$$x^7(x^{(-2)})^{(-1)}$$

$x^9$

$$9x^{(-7)}(x^2)^6$$

$9x^5$

$$6x^3(x^{(-3)})^2x^{(-3)}$$

$\frac{6}{x^6}$

$$2x^{(-5)}(x^6)^2x^3$$

$2x^{10}$