



Förenkling av exponentuttryck (2 variabler)

namn: _____

Datum: _____ Poäng: _____

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

$$7x^6 \times y^6(x^4 \times y^6)^2$$

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

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

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

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

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

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

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

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



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

$$7x^6 \times y^6(x^4 \times y^6)^2$$
$$7x^{14}y^{18}$$

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

$$4x^6 \times y^6(x^5 \times y^4)^6$$
$$4x^{36}y^{30}$$

$$4 \times y^5x^{(-2)}(x^5)^3x^2(y^{(-2)})^{(-1)}$$
$$4x^{15}y^7$$

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

$$3 \times y^3x^5(x^6)^2x^{(-3)}(y^4)^2$$
$$3x^{14}y^{11}$$

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

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

$$7x^{(-1)} \times y^{(-1)}(x^3 \times y^3)^3$$
$$7x^8y^8$$