



## Förenkling av exponentuttryck (2 variabler)

namn: \_\_\_\_\_

Datum: \_\_\_\_\_ Poäng: \_\_\_\_\_

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

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

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

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

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

$$\frac{7x^9 \times y^{(-5)} (x^2 \times y^2)^{(-3)}}{7 \times y^{(-2)} (x^{(-1)})^3}$$

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

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

$$7 \times y^4 x^6 (x^4)^{(-1)} x^{(-1)} (y^4)^4$$

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



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$$4 \times y^2 x^{(-5)} (x^5)^4 x^{(-1)} (y^3)^{(-2)}$$
$$\frac{4x^{14}}{y^4}$$

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

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

$$8x^{(-4)} \times y^{(-4)} (x^{(-2)}) \times y^3)^4$$
$$\frac{8y^8}{x^{12}}$$

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

$$\frac{7x^9 \times y^{(-5)} (x^2 \times y^2)^{(-3)}}{7 \times y^{(-2)} (x^{(-1)})^3}$$
$$\frac{x^6}{y^9}$$

$$7x^{(-1)} \times y^{(-1)} (x^{(-3)}) \times y^5)^5$$
$$\frac{7y^{24}}{x^{16}}$$

$$x^{(-6)} \times y^{(-6)} (x^5 \times y^5)^5$$
$$x^{19} y^{19}$$

$$7 \times y^4 x^6 (x^4)^{(-1)} x^{(-1)} (y^4)^4$$
$$7xy^{20}$$

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