



## Förenkling av exponentuttryck (2 variabler)

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

Datum: \_\_\_\_\_ Poäng: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$4 \times y^4 x^3 (x^4)^2 x^{(-1)} (y^2)^{(-2)}$$
$$4x^{10}$$

$$\frac{8x^7 \times y^{(-5)} (x^{(-2)} \times y^{(-2)})^4}{7 \times y^{(-2)} (x^2)^{(-2)}}$$
$$\frac{8x^3}{7y^{11}}$$

$$8 \times y^4 x^{(-1)} (x^5)^6 x^{(-3)} (y^3)^5$$
$$8x^{26} y^{19}$$

$$7x^{(-2)} \times y^{(-2)} (x^2 \times y^4)^3$$
$$7x^4 y^{10}$$

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

$$4x^6 \times y^6 (x^4 \times y^{(-3)})^5$$
$$\frac{4x^{26}}{y^9}$$

$$6x^6 \times y^6 (x^{(-3)} \times y^3)^{(-1)}$$
$$6x^9 y^3$$

$$1 \times y^4 x^2 (x^4)^3 x^{(-2)} (y^{(-2)})^{(-1)}$$
$$x^{12} y^6$$

$$\frac{4x^{(-1)} \times y^{(-6)} (x^{(-2)} \times y^{(-2)})^{(-3)}}{5 \times y^2 (x^2)^{(-2)}}$$
$$\frac{4x^9}{5y^2}$$

$$6 \times y^{(-4)} x^{(-1)} (x^5)^4 x^{(-3)} (y^{(-3)})^{(-1)}$$
$$\frac{6x^{16}}{y}$$