



## Förenkling av exponentuttryck (2 variabler)

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

Datum: \_\_\_\_\_ Poäng: \_\_\_\_\_

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

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

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

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

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

$$9x^{(-2)} \times y^{(-2)}(x^{(-2)} \times y^{(-2)})^2$$

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

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

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

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



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$$4x^{(-6)} \times y^{(-6)}(x^4 \times y^6)^{(-3)}$$
$$\frac{4}{x^{18}y^{24}}$$

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

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

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

$$9 \times y^4x^{(-6)}(x^6)^5x^{(-2)}(y^{(-3)})^4$$
$$\frac{9x^{22}}{y^8}$$

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

$$\frac{3x^6 \times y^{(-3)}(x^3 \times y^3)^5}{4 \times y^{(-3)}(x^2)^4}$$
$$\frac{3}{4}x^{13}y^{15}$$

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

$$8 \times y^{(-1)}x^{(-5)}(x^{(-1)})^{(-2)}x^3(y^3)^{(-2)}$$
$$\frac{8}{y^7}$$

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