



## Forenkling af eksponentudtryk (2 variabler)

Navn: \_\_\_\_\_

Dato: \_\_\_\_\_ Score: \_\_\_\_\_

$$\frac{8x^4 \times y^{(-1)}(x^{(-1)} \times y^{(-1)})^{(-2)}}{9 \times y^2(x^{(-1)})^4}$$

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

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

$$\frac{x^{(-4)} \times y^{(-2)}(x^6 \times y^6)^3}{7 \times y^3(x^2)^4}$$

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

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

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

$$7 \times y^{(-1)}x^4(x^{(-1)})^6x^{(-1)}(y^2)^4$$

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

$$6x^{(-1)} \times y^{(-1)}(x^4 \times y^{(-12)})^5$$



## Forenkling af eksponentudtryk (2 variabler)

Navn: \_\_\_\_\_

Dato: \_\_\_\_\_ Score: \_\_\_\_\_

$$\frac{8x^4 \times y^{(-1)}(x^{(-1)} \times y^{(-1)})^{(-2)}}{9 \times y^2(x^{(-1)})^4}$$
$$\frac{8x^{10}}{9y}$$

$$2x^4 \times y^4(x^{(-2)} \times y^4)^5$$
$$\frac{2y^{24}}{x^6}$$

$$4x^{(-4)} \times y^{(-4)}(x^2 \times y^3)^{(-2)}$$
$$\frac{4}{x^8y^{10}}$$

$$\frac{x^{(-4)} \times y^{(-2)}(x^6 \times y^6)^3}{7 \times y^3(x^2)^4}$$
$$\frac{1}{7}x^6y^{13}$$

$$\frac{7x^3 \times y^{(-4)}(x^2 \times y^2)^{(-2)}}{3 \times y^3(x^{(-1)})^2}$$
$$\frac{7x}{3y^{11}}$$

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

$$5 \times y^{(-1)}x^{(-6)}(x^{(-3)})^3x^2(y^{(-1)})^2$$
$$\frac{5}{x^{13}y^3}$$

$$7 \times y^{(-1)}x^4(x^{(-1)})^6x^{(-1)}(y^2)^4$$
$$\frac{7y^7}{x^3}$$

$$2x^{(-6)} \times y^{(-6)}(x^4 \times y^3)^5$$
$$2x^{14}y^9$$

$$6x^{(-1)} \times y^{(-1)}(x^4 \times y^{(-12)})^5$$
$$\frac{6x^{19}}{y^{61}}$$