



## Forenkling av eksponentuttrykk (2 variabler)

StudentName: \_\_\_\_\_

ExamDate: \_\_\_\_\_ ExamScore: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$2 \times y^3 x^{(-3)} (x^{(-1)})^6 x^{(-2)} (y^{(-2)})^4$$
$$\frac{2}{x^{11} y^5}$$

$$7 \times y^3 x^{(-3)} (x^{(-2)})^5 x^{(-1)} (y^{(-2)})^3$$
$$\frac{7}{x^{14} y^3}$$

$$4x^{(-6)} \times y^{(-6)} (x^{(-2)} \times y^5)^{(-2)}$$
$$\frac{4}{x^2 y^{16}}$$

$$x^{(-2)} \times y^{(-2)} (x^{(-1)} \times y^6)^6$$
$$\frac{y^{34}}{x^8}$$

$$\frac{3x^{(-9)} \times y^{(-5)} (x^2 \times y^2)^4}{3 \times y^{(-2)} (x^4)^{(-2)}}$$
$$x^7 y^5$$

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

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

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

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

$$2 \times y^{(-1)} x^5 (x^{(-2)})^3 x^{(-2)} (y^4)^5$$
$$\frac{2y^{19}}{x^3}$$