



## Forenkling av eksponentuttrykk (2 variabler)

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

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

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

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

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

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

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

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

$$8 \times y^{(-2)}x^3(x^6)^{(-1)}x^{(-2)}(y^{(-2)})^{(-1)}$$

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

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

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



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$$6x^2 \times y^2(x^{-1}) \times y^3)^6$$
$$\frac{6y^{20}}{x^4}$$

$$3 \times y^{(-3)}x^{(-6)}(x^6)^5x^{(-3)}(y^{(-1)})^5$$
$$\frac{3x^{21}}{y^8}$$

$$9x^{(-3)} \times y^{(-3)}(x^6 \times y^{(-3)})^3$$
$$\frac{9x^{15}}{y^{12}}$$

$$5 \times y^{(-1)}x^{(-6)}(x^6)^{-1}x^2(y^{(-2)})^4$$
$$\frac{5}{x^{10}y^9}$$

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

$$\frac{4x^{(-6)} \times y^2(x^2 \times y^2)^3}{1 \times y^{(-2)}(x^{(-1)})^4}$$
$$4x^4y^{10}$$

$$8 \times y^{(-2)}x^3(x^6)^{-1}x^{(-2)}(y^{(-2)})^{(-1)}$$
$$\frac{8}{x^5}$$

$$3x^{(-6)} \times y^{(-6)}(x^3 \times y^{(-2)})^2$$
$$\frac{3}{y^{10}}$$

$$\frac{7x^{(-1)} \times y^{(-3)}(x^3 \times y^3)^4}{3 \times y^2(x^{(-2)})^2}$$
$$\frac{7}{3}x^{15}y^7$$

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