



Forenkling av eksponentuttrykk (2 variabler)

StudentName: _____

ExamDate: _____ ExamScore: _____

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

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

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

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

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

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

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

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

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

$$\frac{7x^6 \times y^5 (x^3 \times y^3)^5}{1 \times y^{(-2)} (x^2)^{(-1)}}$$



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$$6 \times y^5 x^6 (x^{(-1)})^{(-3)} x^{(-1)} (y^4)^2$$
$$6x^8 y^{13}$$

$$\frac{8x^{(-2)} \times y^{(-5)} (x^5 \times y^5)^{(-2)}}{9 \times y^2 (x^{(-2)})^4}$$
$$\frac{8}{9x^4 y^{17}}$$

$$8x^{(-6)} \times y^{(-6)} (x^4 \times y^4)^{(-1)}$$
$$\frac{8}{x^{10} y^{10}}$$

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

$$6 \times y^4 x^{(-1)} (x^2)^4 x^{(-2)} (y^3)^5$$
$$6x^5 y^{19}$$

$$\frac{9x^{(-1)} \times y^{(-5)} (x^2 \times y^2)^{(-2)}}{6 \times y^2 (x^2)^3}$$
$$\frac{3}{2x^{11} y^{11}}$$

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

$$7x^{(-3)} \times y^{(-3)} (x^3 \times y^6)^2$$
$$7x^3 y^9$$

$$8x^4 \times y^4 (x^{(-1)} \times y^4)^{(-3)}$$
$$\frac{8x^7}{y^8}$$

$$\frac{7x^6 \times y^5 (x^3 \times y^3)^5}{1 \times y^{(-2)} (x^2)^{(-1)}}$$
$$7x^{23} y^{22}$$