



Forenkling av eksponentuttrykk (2 variabler)

StudentName: _____

ExamDate: _____ ExamScore: _____

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

$$7 \times y^{(-1)}x^{(-4)}(x^5)^{(-2)}x^3(y^{(-2)})^3$$

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

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

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

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

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

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

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

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



Forenkling av eksponentuttrykk (2 variabler)

StudentName: _____

ExamDate: _____ ExamScore: _____

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

$$7 \times y^{(-1)}x^{(-4)}(x^5)^{(-2)}x^3(y^{(-2)})^3$$
$$\frac{7}{x^{11}y^7}$$

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

$$2x^2 \times y^2(x^{(-2)} \times y^6)^4$$
$$\frac{2y^{26}}{x^6}$$

$$7 \times y^4x^{(-2)}(x^6)^2x^{(-1)}(y^2)^{(-2)}$$
$$7x^9$$

$$\frac{5x^{(-4)} \times y^{(-4)}(x^5 \times y^5)^4}{3 \times y^2(x^{(-1)})^3}$$
$$\frac{5}{3}x^{19}y^{14}$$

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

$$\frac{6x^8 \times y^3(x^4 \times y^4)^3}{4 \times y^3(x^4)^{(-1)}}$$
$$\frac{3}{2}x^{24}y^{12}$$

$$8 \times y^5x^6(x^5)^{(-2)}x^{(-1)}(y^{(-3)})^4$$
$$\frac{8}{x^5y^7}$$

$$6x^5 \times y^5(x^6 \times y^{(-2)})^4$$
$$\frac{6x^{29}}{y^3}$$