



StudentName: _____

ExamDate: _____ ExamScore: _____

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

$$\frac{9x^8 \times y^{(-1)} (x^4 \times y^4)^{(-2)}}{3 \times y^2 (x^{(-1)})^{(-1)}}$$

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

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

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

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

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

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

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

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



Forenkling av eksponentuttrykk (2 variabler)

StudentName: _____

ExamDate: _____ ExamScore: _____

$$x^6 \times y^6 (x^{(-1)} \times y^{(-12)})^5$$
$$\frac{x}{y^{54}}$$

$$\frac{9x^8 \times y^{(-1)} (x^4 \times y^4)^{(-2)}}{3 \times y^2 (x^{(-1)})^{(-1)}}$$
$$\frac{3}{xy^{11}}$$

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

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

$$\frac{2x^3 \times y^{(-1)} (x^6 \times y^6)^{(-2)}}{5 \times y^2 (x^4)^{(-2)}}$$
$$\frac{2}{5xy^{15}}$$

$$2 \times y^{(-3)} x^2 (x^5)^4 x^3 (y^{(-2)})^{(-1)}$$
$$\frac{2x^{25}}{y}$$

$$2 \times y^4 x^5 (x^4)^5 x^3 (y^2)^3$$
$$2x^{28} y^{10}$$

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

$$8 \times y^{(-2)} x^5 (x^6)^5 x^3 (y^{(-2)})^5$$
$$\frac{8x^{38}}{y^{12}}$$

$$4 \times y^{(-4)} x^{(-2)} (x^5)^4 x^2 (y^{(-2)})^{(-1)}$$
$$\frac{4x^{20}}{y^2}$$