



Forenkling av eksponentuttrykk (2 variabler)

StudentName: _____

ExamDate: _____ ExamScore: _____

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

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

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

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

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

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

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

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

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

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



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$$8 \times y^{(-3)}x^{(-6)}(x^4)^{(-3)}x^2(y^{(-3)})^3$$
$$\frac{8}{x^{16}y^{12}}$$

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

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

$$6 \times y^{(-2)}x^{(-5)}(x^5)^4x^2(y^{(-3)})^2$$
$$\frac{6x^{17}}{y^8}$$

$$3x^{(-4)} \times y^{(-4)}(x^3 \times y^6)^{(-1)}$$
$$\frac{3}{x^7y^{10}}$$

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

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

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

$$8x^{(-2)} \times y^{(-2)}(x^3 \times y^{(-12)})^4$$
$$\frac{8x^{10}}{y^{50}}$$

$$9x^{(-2)} \times y^{(-2)}(x^{(-2)} \times y^5)^3$$
$$\frac{9y^{13}}{x^8}$$