



Forenkling av eksponentuttrykk

StudentName: _____

ExamDate: _____ ExamScore: _____

$$x^3(x^5)^3x^{(-1)}$$

$$9x^{(-6)}(x^4)^2x^3$$

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

$$6x^8(x^2)^3$$

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

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

$$3x^2(x^2)^{(-3)}$$

$$7x^8(x^3)^{(-3)}$$

$$9x^{(-3)}(x^4)^6$$

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



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$$x^3(x^5)^3x^{(-1)}$$
$$x^{17}$$

$$9x^{(-6)}(x^4)^2x^3$$
$$9x^5$$

$$\frac{3x^6(x^5)^3}{5x^{(-3)}(x^{(-2)})^4}$$
$$\frac{3}{5}x^{32}$$

$$6x^8(x^2)^3$$
$$6x^{14}$$

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

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

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

$$7x^8(x^3)^{(-3)}$$
$$\frac{7}{x}$$

$$9x^{(-3)}(x^4)^6$$
$$9x^{21}$$

$$\frac{7x^{(-6)}(x^5)^5}{7x^{(-3)}(x^{(-2)})^4}$$
$$x^{30}$$