



Forenkling av eksponentuttrykk

StudentName: _____

ExamDate: _____ ExamScore: _____

$$7x^7(x^4)^6$$

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

$$7x^{(-5)}(x^3)^6$$

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

$$\frac{9x^7(x^4)^3}{6x^{(-1)}(x^3)^2}$$

$$6x^{(-1)}(x^4)^5x^{(-3)}$$

$$6x^{(-2)}(x^2)^5x^{(-2)}$$

$$\frac{3x^{(-9)}(x^6)^3}{3x^{(-1)}(x^4)^4}$$

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

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



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$$7x^7(x^4)^6$$
$$7x^{31}$$

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

$$7x^{-5}(x^3)^6$$
$$7x^{13}$$

$$6x^{-6}(x^3)^{-2}$$
$$\frac{6}{x^{12}}$$

$$\frac{9x^7(x^4)^3}{6x^{-1}(x^3)^2}$$
$$\frac{3}{2}x^{14}$$

$$6x^{-1}(x^4)^5x^{-3}$$
$$6x^{16}$$

$$6x^{-2}(x^2)^5x^{-2}$$
$$6x^6$$

$$\frac{3x^{-9}(x^6)^3}{3x^{-1}(x^4)^4}$$
$$\frac{1}{x^6}$$

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

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