1. Indices

Index Laws

List of Indice Laws

- $x^0 = 1$

- $x^{-n} = \dfrac{1}{x^n}$

- $x^n \cdot x^m = x^{n+m}$

- $x^n \div x^{\mathrm{m}} = x^{n-m}$

- $(x^n)^m = x^{n \cdot \mathrm{m}}$

- $x^{\frac{n}{m}} = \sqrt[m]{x^n}$

Rational Indices

$$\sqrt[n]{b} = b^{\frac{1}{n}}$$

Scientific Notations

def - writing any given number as a number between 1 inclusive and 10, multiplied by a power of 10

- for of a x 10^k where 1 < a < 10 and K is integer

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