

Rules of Exponents

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

- $x^{-n} = 1/x^n$

- $(x^n)^m = x^{nm}$

- $x^0 = 1$

- $(xy)^m = x^m y^m$

- $x^n/x^m = x^{n-m}$

- $(x/y)^m = x^m/y^m$