

Rational Functions

Vertical Asymptotes

Power Function

Special Power Functions:

- Squaring function
- Doubling function
- Square rooting function
- Cubing function
- Tripling function
- Cube rooting function

Pythagorean Theorem

Distance Formula

Equation of a Circle:

Properties of Exponents:

- $a^n =$

- $a^{-n} =$

- $a^0 =$

- $a^{1/n} =$

- $a^{m/n} =$

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

- $\left(\frac{a}{b}\right)^n =$

- $\left(\frac{a}{b}\right)^{-1} =$

- $\left(\frac{a}{b}\right)^{-n} =$

- $\frac{a^x}{a^y} =$

- $a^x \cdot a^y =$

- $a^x \cdot a^y =$

- $(a^x b^y)^k =$

- $\left(\frac{a^x}{b^y}\right)^k =$