FUNctions
Basic Graphs

MATH by Wilson
Your Personal Mathematics Trainer
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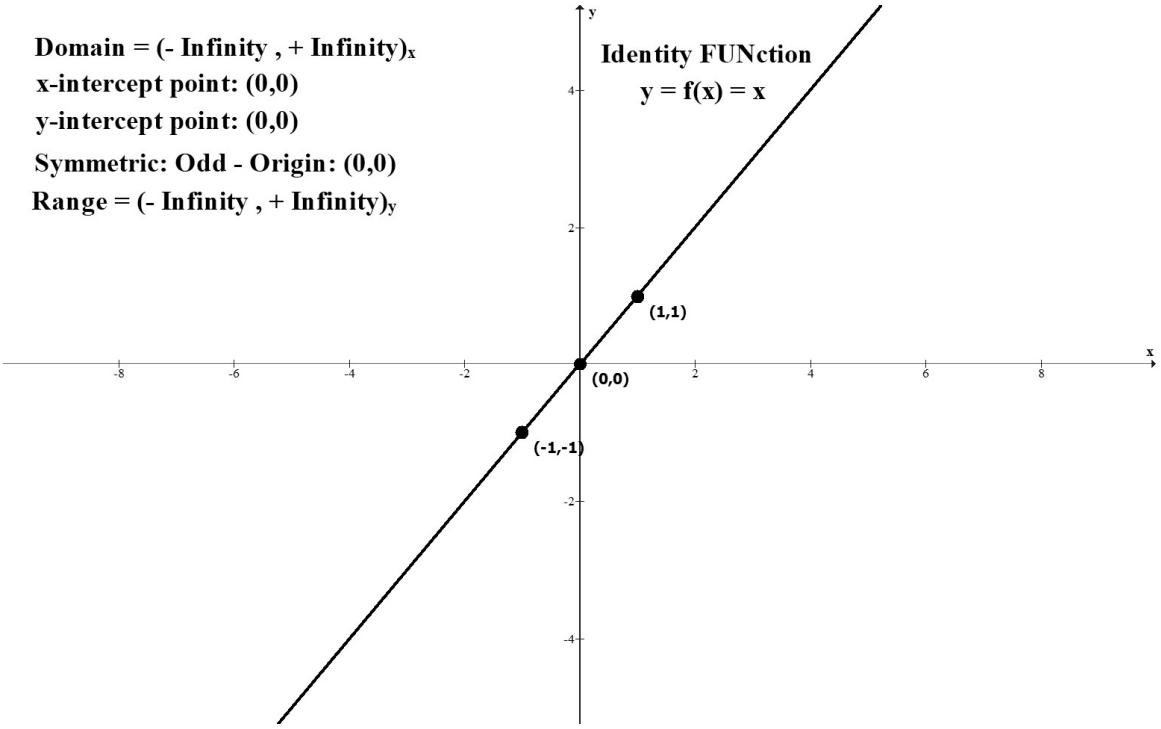
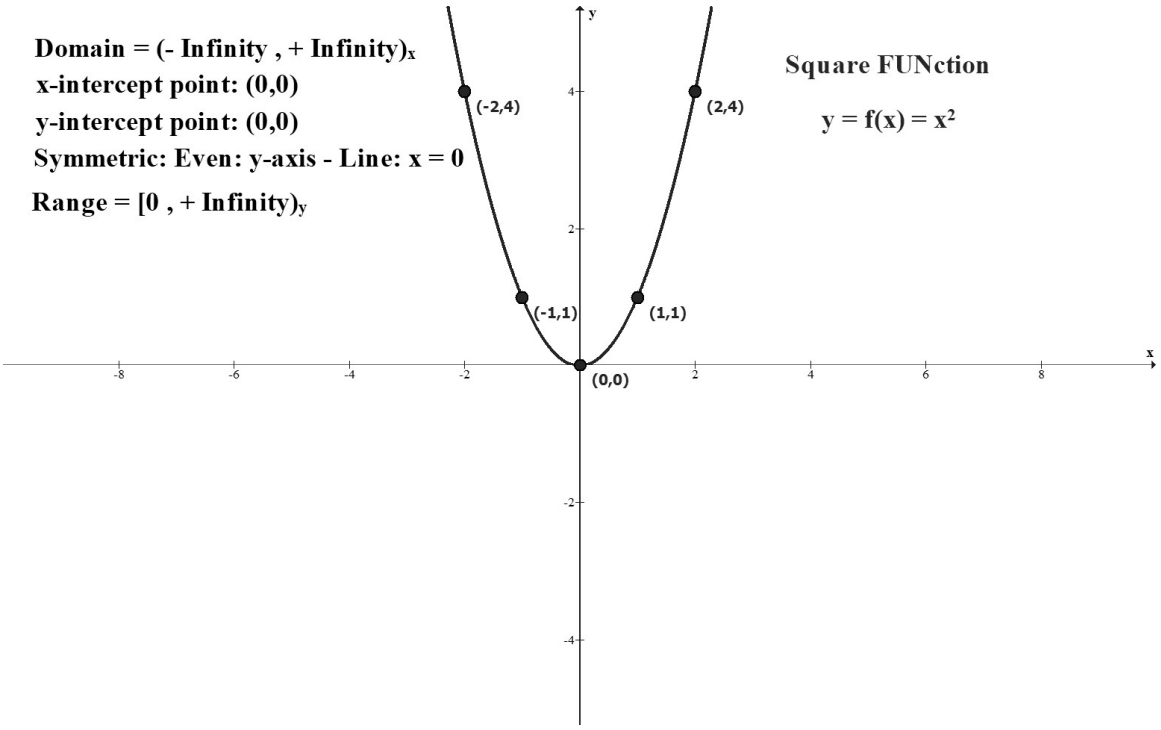
Identity FUNction:

Domain = (- Infinity , + Infinity)$_x$
x-intercept point: (0,0)
y-intercept point: (0,0)
Symmetric: Odd - Origin: (0,0)
Range = (- Infinity , + Infinity)$_y$



Square FUNction:

Domain = (- Infinity , + Infinity)$_x$
x-intercept point: (0,0)
y-intercept point: (0,0)
Symmetric: Even: y-axis - Line: x = 0
Range = [0 , + Infinity)$_y$

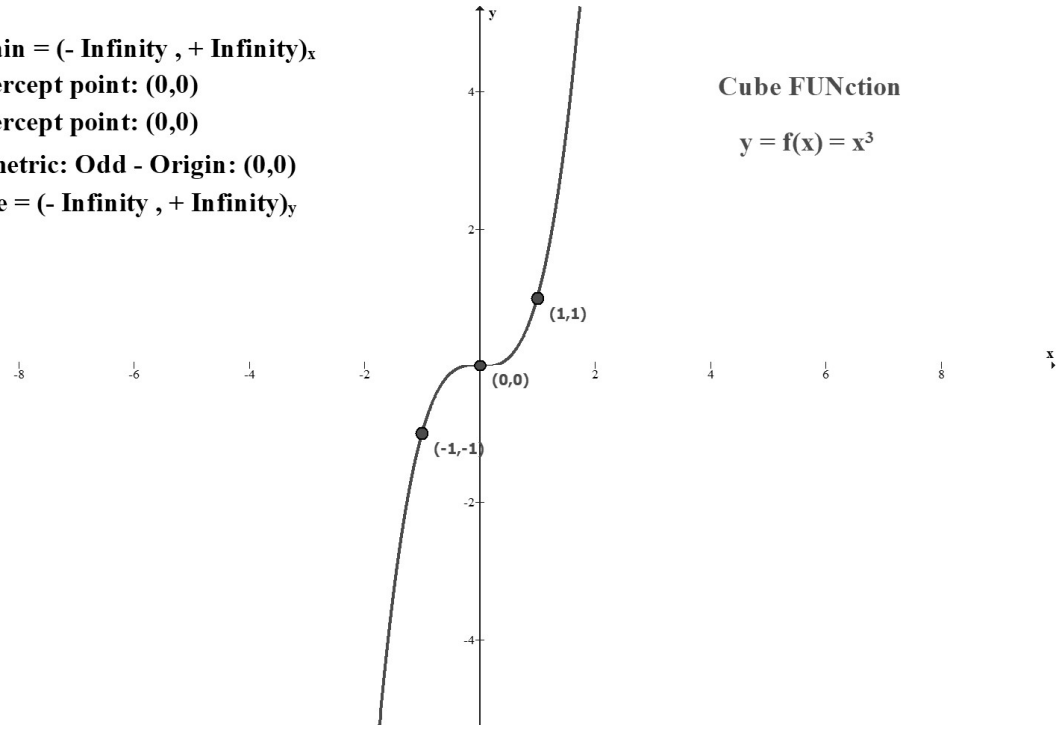


Square FUNction

$y = f(x) = x^2$

Cube FUNction:

Domain = (- Infinity , + Infinity)$_x$
x-intercept point: (0,0)
y-intercept point: (0,0)
Symmetric: Odd - Origin: (0,0)
Range = (- Infinity , + Infinity)$_y$

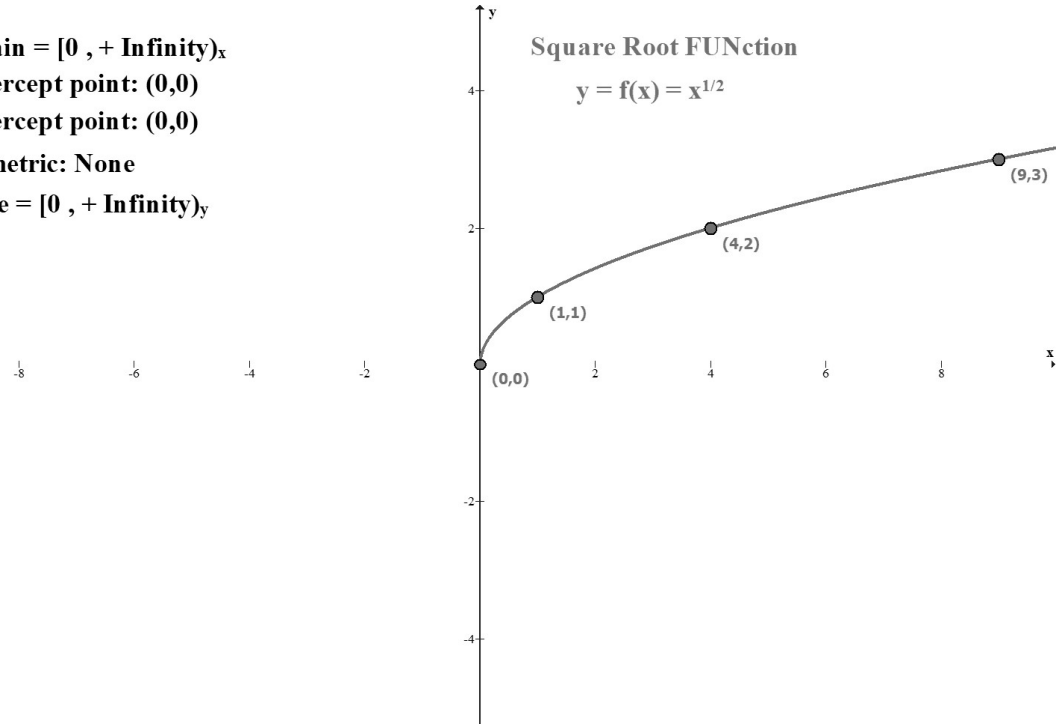


Cube FUNction

$y = f(x) = x^3$

Square Root FUNction:

Domain = [0 , + Infinity)$_x$
x-intercept point: (0,0)
y-intercept point: (0,0)
Symmetric: None
Range = [0 , + Infinity)$_y$

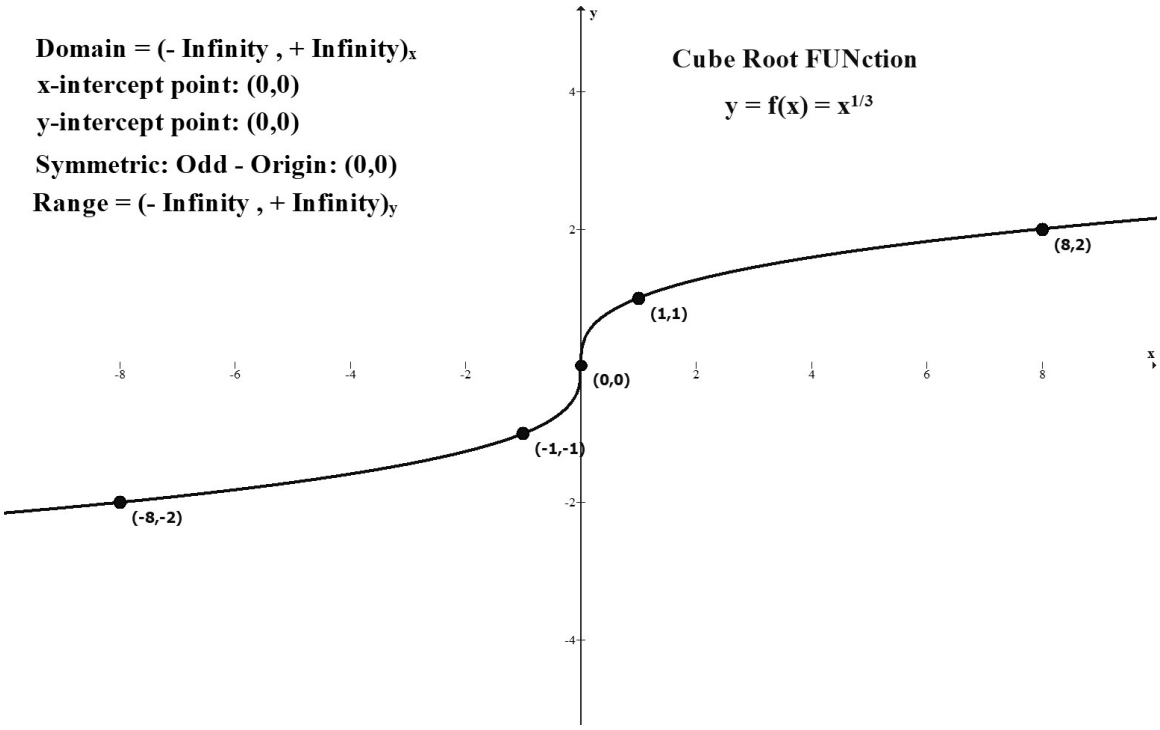


Cube Root FUNction:

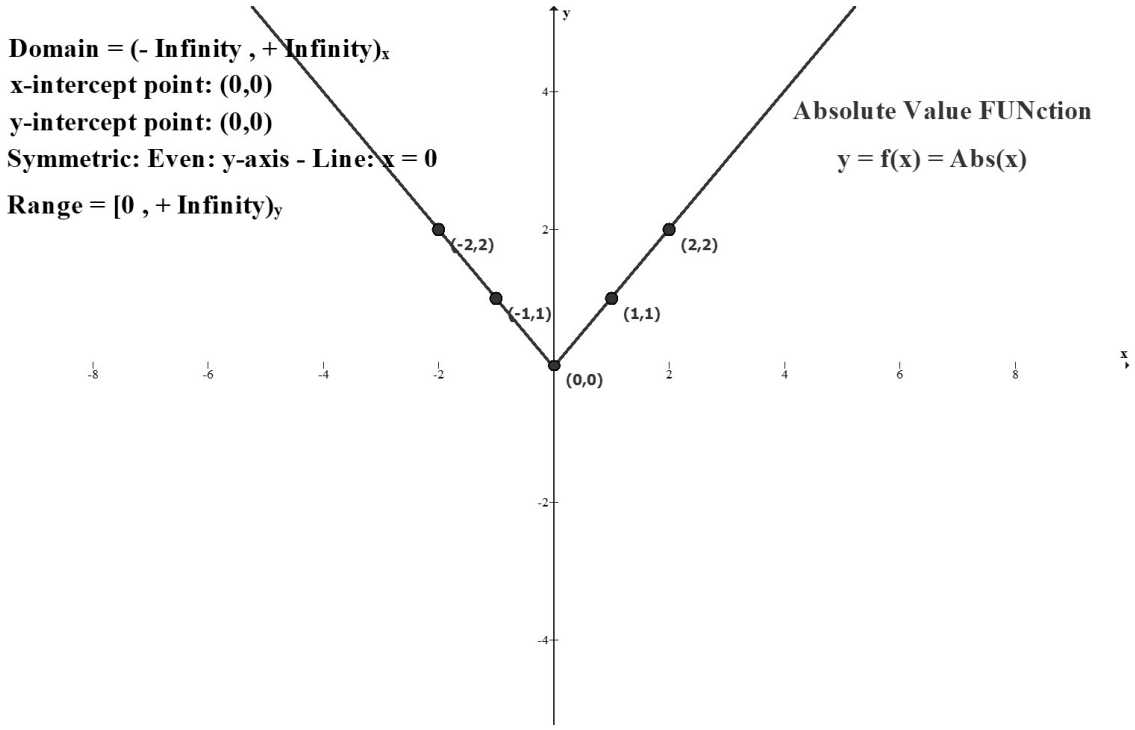
Domain = (- Infinity , + Infinity)$_x$
x-intercept point: (0,0)
y-intercept point: (0,0)
Symmetric: Odd - Origin: (0,0)
Range = (- Infinity , + Infinity)$_y$

Cube Root FUNction

$y = f(x) = x^{1/3}$

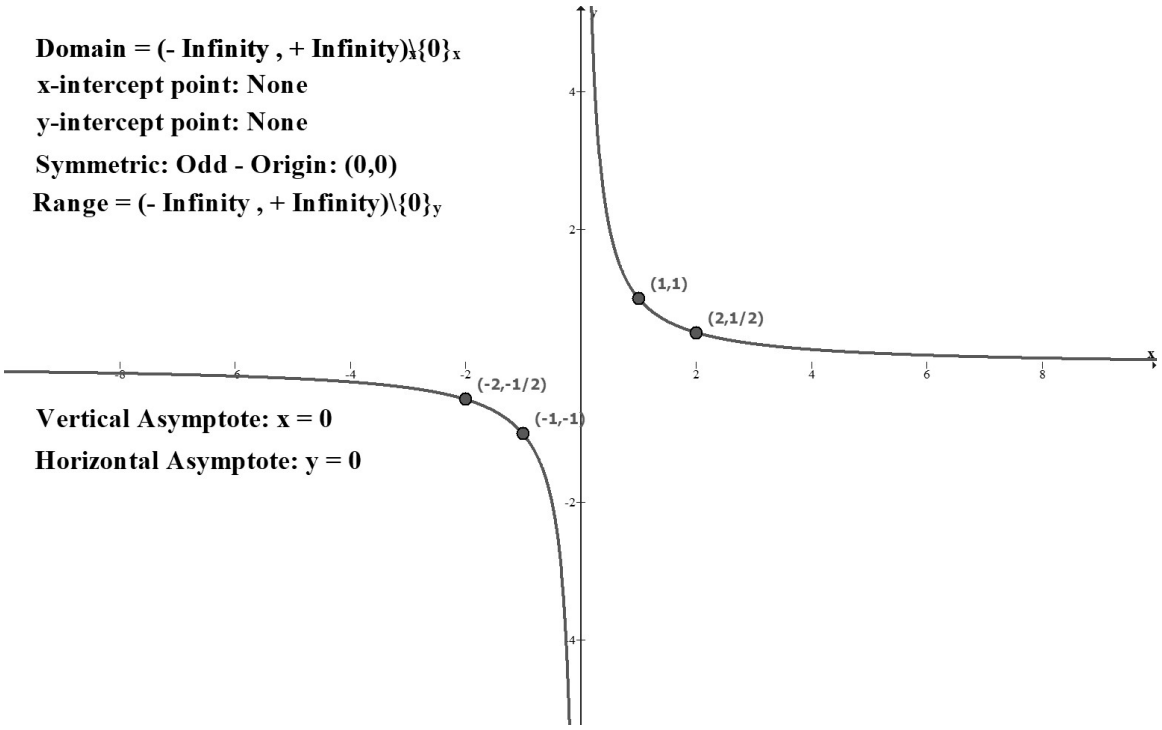


Absolute Value FUNction:



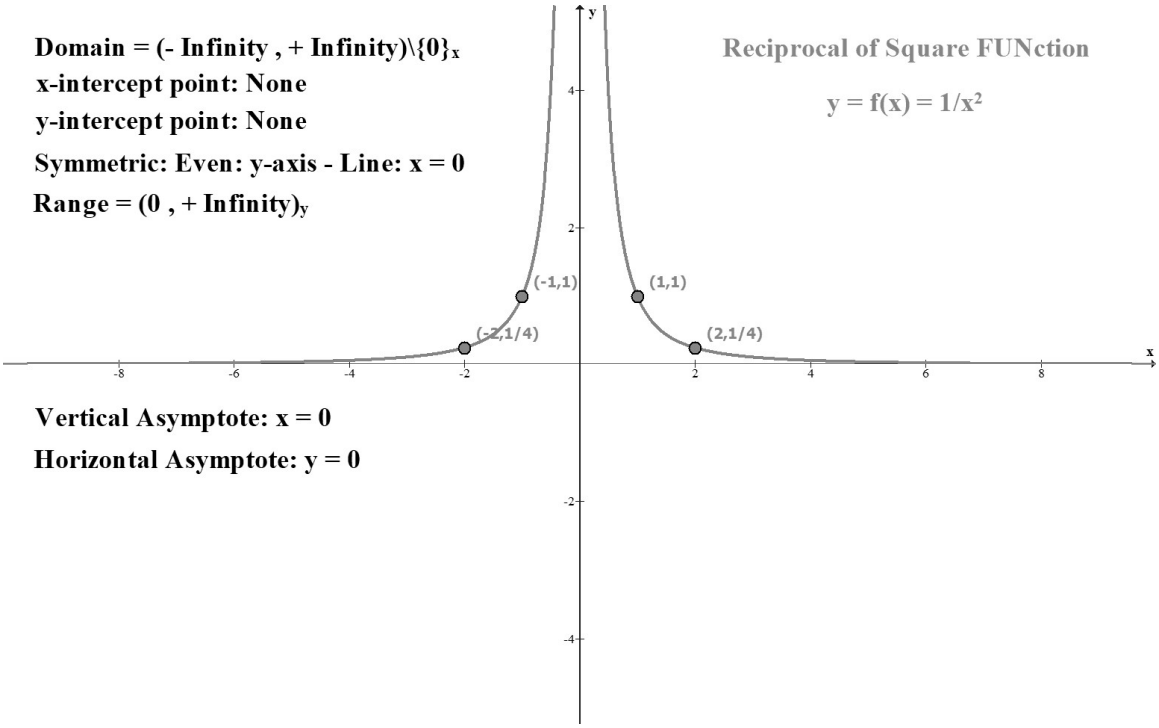
Reciprocal Identity FUNction:

Domain = (- Infinity , + Infinity)\{0}$_x$
x-intercept point: None
y-intercept point: None
Symmetric: Odd - Origin: (0,0)
Range = (- Infinity , + Infinity)\{0}$_y$



Vertical Asymptote: x = 0
Horizontal Asymptote: y = 0

Reciprocal Square FUNction:



ERROR: undefined
OFFENDING COMMAND:

STACK: