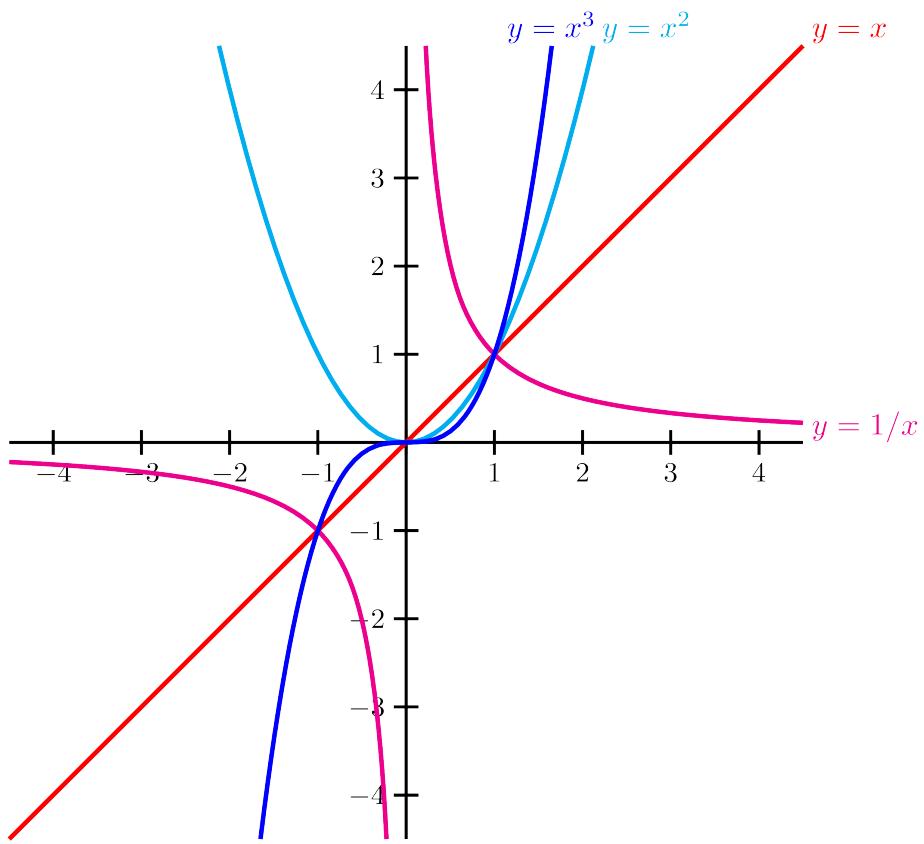


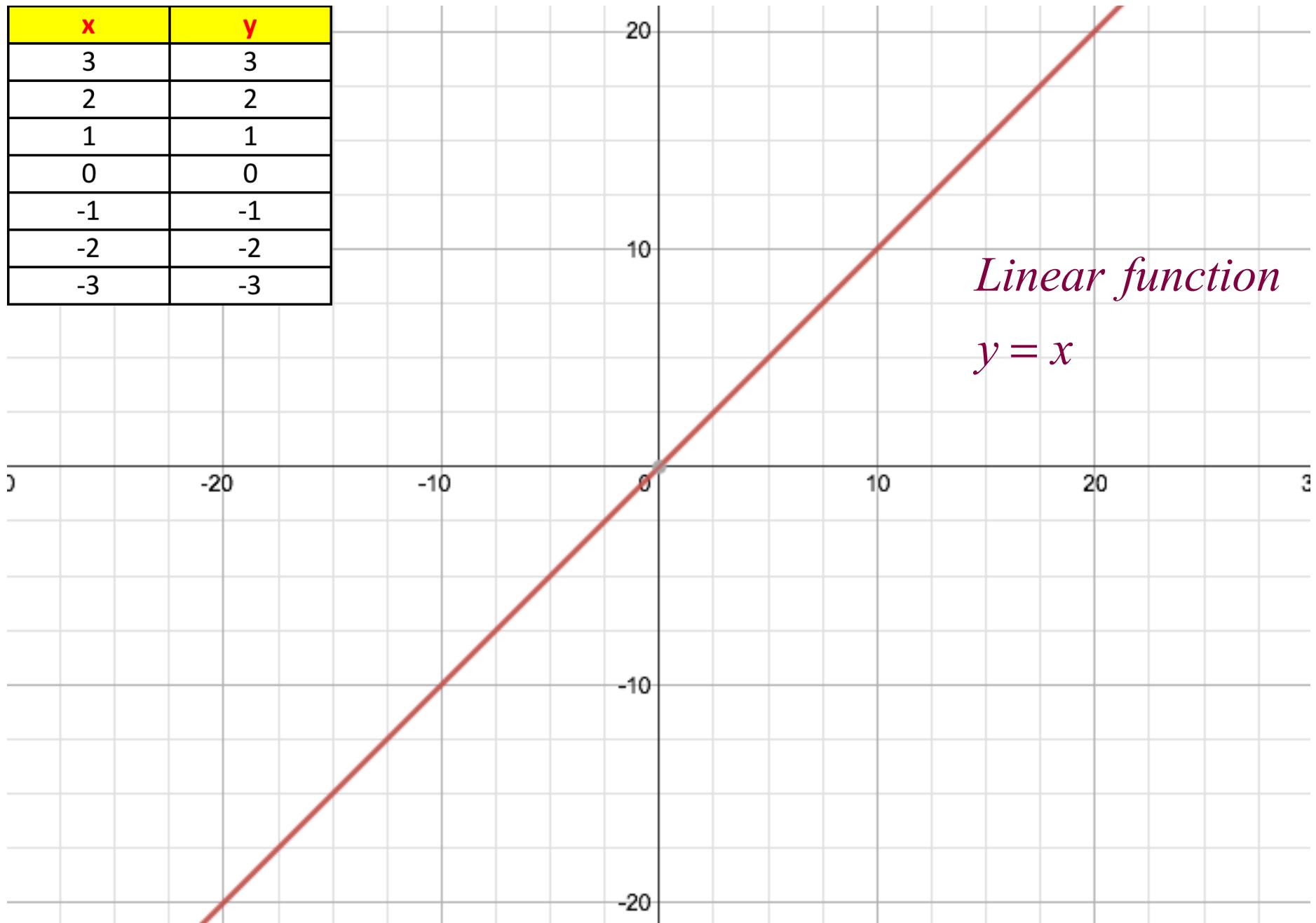
Graphs of Parent Functions



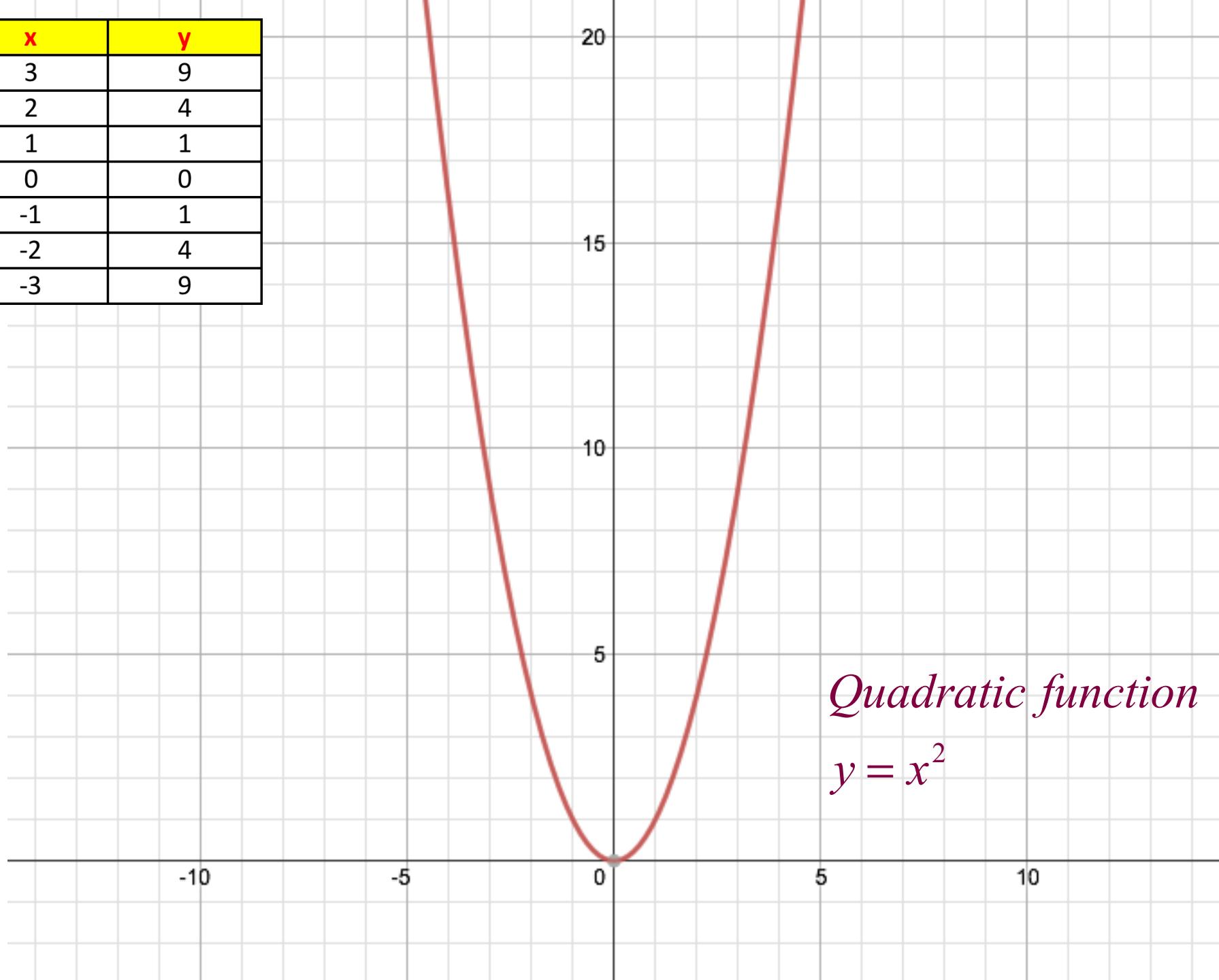
x	y
3	3
2	2
1	1
0	0
-1	-1
-2	-2
-3	-3

Linear function

$$y = x$$



x	y
3	9
2	4
1	1
0	0
-1	1
-2	4
-3	9



Quadratic function
 $y = x^2$

X	Y
25	5
9	3
4	2
0	0

Square Root function

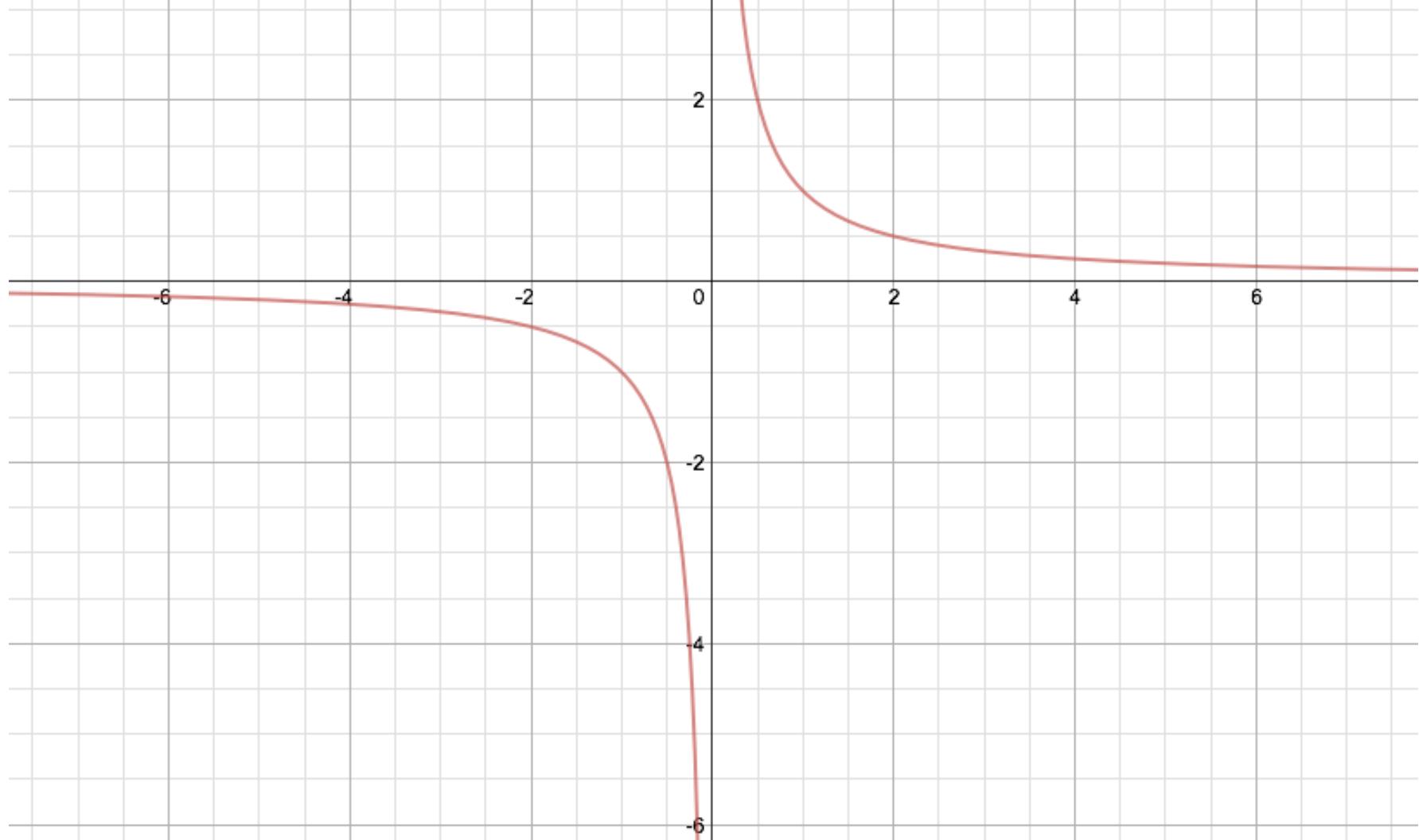
$$y = \sqrt{x}$$



x	y
-2	-0.5
-1	-1
0	undefined
1	1
2	0.5

Reciprocal function

$$y = \frac{1}{x}$$



Absolute function

$$y = |x|$$

x	y
-2	2
-1	1
0	0
1	1
2	2

