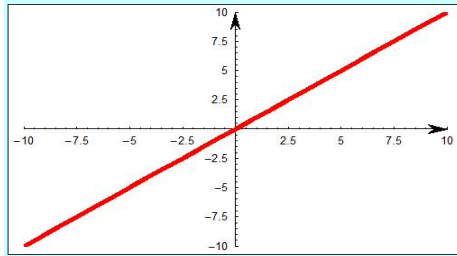


Parent Graphs - MAT 101

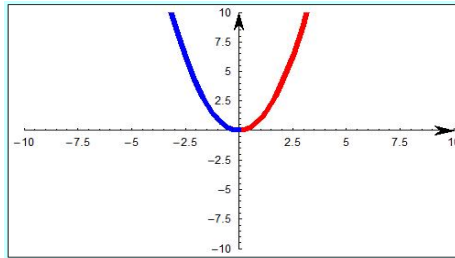
$$y = x$$



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

Domain: $(-\infty, \infty)$
Range: $(-\infty, \infty)$

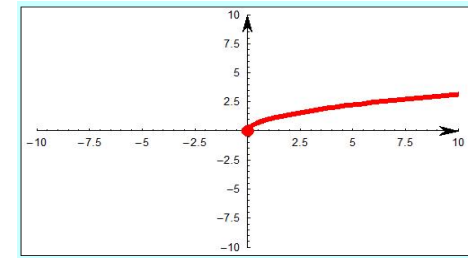
$$y = x^2$$



x	y
-2	4
-1	1
0	0
1	1
2	4

Domain: $(-\infty, \infty)$
Range: $[0, \infty)$

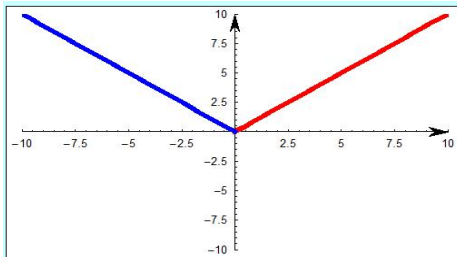
$$y = \sqrt{x}$$



x	y
-4	DNE
-1	DNE
0	0
1	1
4	2

Domain: $[0, \infty)$
Range: $[0, \infty)$

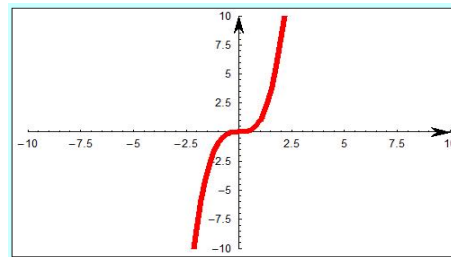
$$y = |x|$$



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

Domain: $(-\infty, \infty)$
Range: $[0, \infty)$

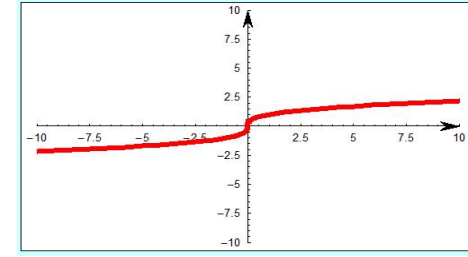
$$y = x^3$$



x	y
-2	-8
-1	-1
0	0
1	1
2	8

Domain: $(-\infty, \infty)$
Range: $(-\infty, \infty)$

$$y = \sqrt[3]{x}$$



x	y
-8	-2
-1	-1
0	0
1	1
8	2

Domain: $(-\infty, \infty)$
Range: $(-\infty, \infty)$