GRAPHING PARENT FUNCTIONS

For each of the following fill out the table of values then plot the graph.

1.

	ı
\boldsymbol{x}	f(x) = x
-5	
_4	
3	
-2	
_1	
0	
_ 1	
2	
3	
4	
5	

		5 1			
		4			
		3 2			
		1			
F 4	-3 -2 -1	-	2	3 4	<u> </u>
		4 L	Z	3 4	5
-5 -4			Ī	V I	
-9 -4		2		J 1	
_0 _4					

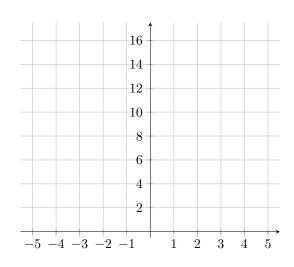
2.

\boldsymbol{x}	f(x) = x
-5	
-4	
-3	
-2	
-1	
0	
_ 1	
_ 2	
_ 3	
4	
5	

	5 1			+
	4			+
	3 +			+
	2 +			
	1 +			+
-5 -4 -3	-2 - 1	1 2	3 4	5
	-2 +			
	-2 -3			

3.

$oldsymbol{x}$	$f(x) = x^2$
-4	
-3	
-2	
-1	
0	
1	
2	
3	
4	



4.

		ı <u> </u>
x	;	$f(x) = \sqrt{x}$
0)	
1		
2		
3	,	
4		
5		
6	,	
7	,	
8		
9)	

1	•									
5-										
4										
4										
3-										_
2-										
1-										
1										
		1	2 :	3	1 :	5 6	3 7	7 8	2 (\rightarrow
	-	ļ.	4 (٠ ٠	* (, (,	,	, 1	,

5.

5.		
	\boldsymbol{x}	$f(x) = \frac{1}{x}$
	-5	
	-4	
	-3	
	-2	
	-1	
	0	n/a
	1	
	2	
	3	
	4	
	5	

