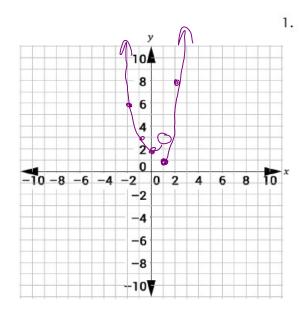
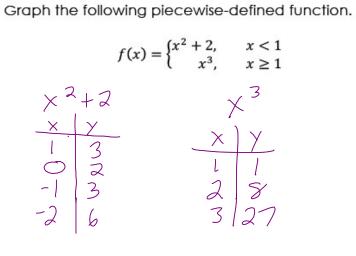
# Section 3 – Topic 3 Graphing and Writing Piecewise–Defined Functions – Part 1

To graph pie the function	cewise- on the s	defined functions, graph each "piece" of same
^	<u> </u>	estrictions must be considered when
00.	n ain	- X-values

### section 3 topic 3 graphing and writing piecewise-defined functions part 1 10-2245breat60,02019

#### Let's Practice!





# section 3 topic 3 graphing and writing piecewise-defined functions part 1 10-29qt5lmext6Dp20c19

a.	What is the domain of the function?		
	$(-\infty,\infty)$		
b.	What is the range of the function?		
c.	What, if any, are the $x$ –intercepts of the function?		
	none		
d.	What, if any, is the $y$ –intercept of the function?		
	$y = 2  (O_12)$		
e.	Over what interval(s) is the function increasing?  Decreasing?		
I	$\frac{1}{10000000000000000000000000000000000$		
f.	What, if any, are the relative maximums of the graph?		
	none		
g.	What, if any, are the relative minimums of the graph?		
	(0,2)		
h.	Is this function considered to be continuous? Why or		
	Mo, because there is a		
	no, because there is a gap at x=1		

## section 3 topic 3 graphing and writing piecewise-defined functions part 1 10-2345 breat 6 b p 2019

