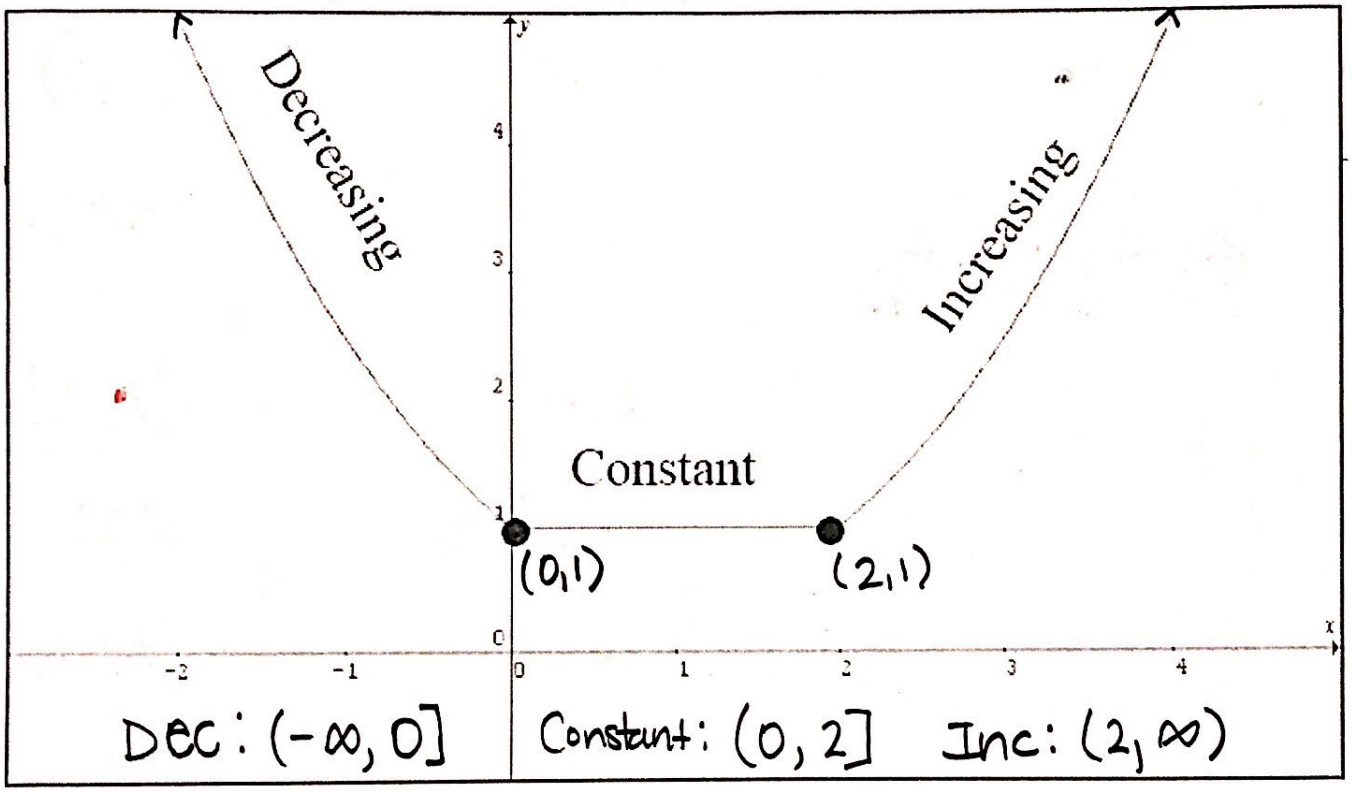
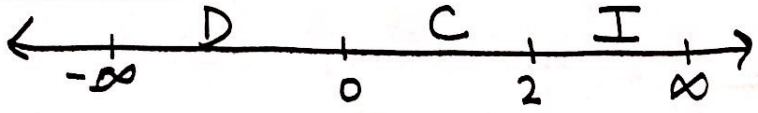
Name:_____ Date:_____

Intervals of Increase, Decrease and Constant: looking at each segment from left to right and telling which x-values occur for the interval.





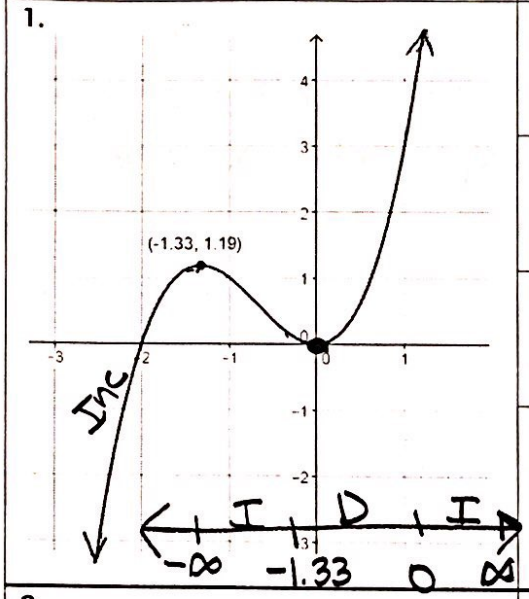
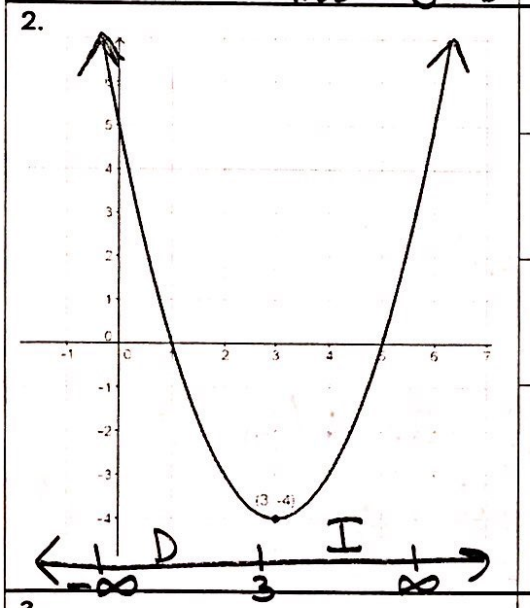
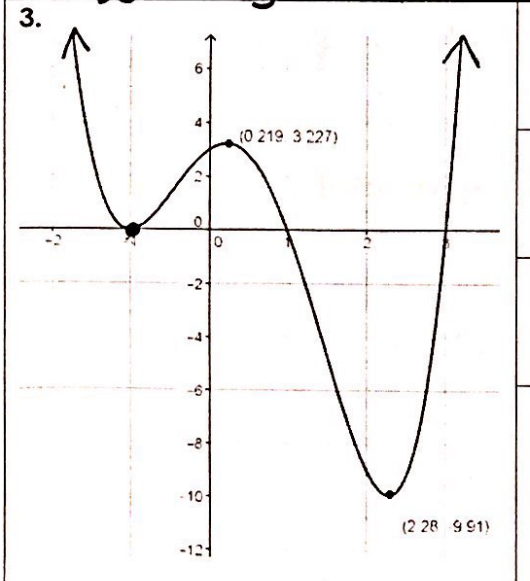
Absolute Maximum: the highest point of the graph.

Absolute Minimum: the lowest point of the graph.

Relative Maximum: all of the highest points.

Relative Minimum: all of the lowest points.

* You'll never have an absolute Max or Min when the highest degree is ODD!

	Increasing, Decreasing, & Constant		Extremas	
1. 	Increasing	$(-\infty, -1.33] \cup [0, \infty)$	Absolute Minimum	NONE
	Decreasing	$(-1.33, 0)$	Absolute Maximum	NONE
	Constant	NONE	Relative Minimum(s)	$(0,0)$
			Relative Maximum(s)	$(-1.33, 1.19)$
2. 	Increasing	$[3, \infty)$	Absolute Minimum	$(3, -4)$
	Decreasing	$(-\infty, 3)$	Absolute Maximum	NONE
	Constant	NONE	Relative Minimum(s)	$(3, -4)$
			Relative Maximum(s)	NONE
3. 	Increasing	$[-1, 0.219] \cup [2.28, \infty)$	Absolute Minimum	$(2.28, -9.91)$
	Decreasing	$(-\infty, -1) \cup (0.219, 2.28)$	Absolute Maximum	NONE
	Constant	NONE	Relative Minimum(s)	$(-1, 0)$ $(2.28, -9.91)$
			Relative Maximum(s)	$(0.219, 3.227)$

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$-\infty$ -1 0.219 2.28 ∞