

Name: _____

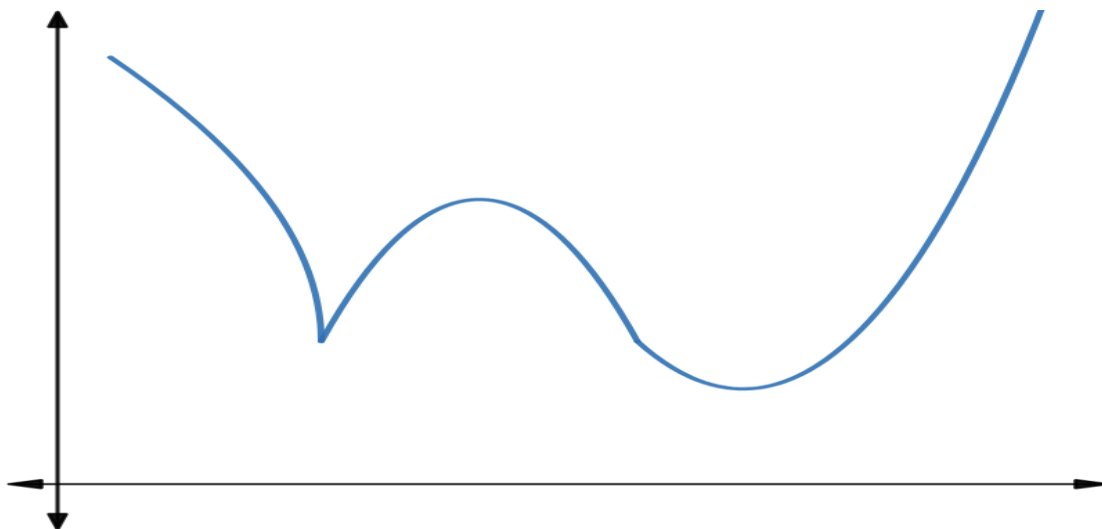
Date: _____

Learning Goal 4.1

Using derivative tests for curve sketching.

	Maximum	Minimum
Global/Absolute		
Local/Relative		

Example Label all global and local extrema.



	Concave Up	Concave Down
Increasing		
Decreasing		

Example Use the graph to find the following.

- The interval in which the function is increasing
- The interval in which the function is decreasing
- The coordinates of the local maximums and minimums
- The intervals on which the function is concave up
- The intervals on which the function is concave down
- The coordinates of the global maximums and minimums

