

Intercept is (x-ints) where graph crosses x-axis. A.K.A. roots, solutions.

Intercept is (x-ints) where graph crosses x-axis.

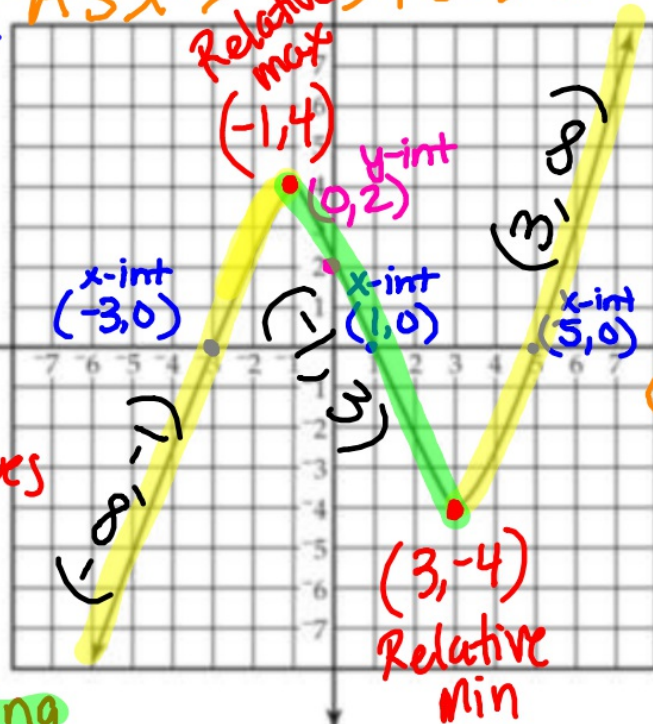
Function is increasing on an interval if y-values increase from left to right.

Function is decreasing on an interval if y-values decrease from left to right.

End Behavior

As $x \rightarrow -\infty, f(x) \rightarrow -\infty$

As $x \rightarrow \infty, f(x) \rightarrow \infty$



The relative maximum is the y-value of the highest point in a particular region of the graph.

The relative minimum is the y-value of the lowest point in a particular region of the graph.

End behavior describes what happens to the y-values at the ends of the graph.

As $x \rightarrow -\infty, f(x) \rightarrow -\infty$ (left)

As $x \rightarrow \infty, f(x) \rightarrow \infty$ (right)

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