Purpose: On this note page, we will wrap up a few remaining definitions relating to polynomials.

Definitions:

- The place where polynomials change directions are called _____.

- The horizontal intercepts of a polynomial are called _____ or _____.

Some facts:

- A polynomial of degree n will have at most _____ roots.

- A polynomial of odd degree will have at least _____ root.

- A polynomial of degree n will have at most _____ turning points.

What can you say about the polynomial which gives the graph below?