**End Behavior**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Leading Coefficient** | **Left End** | **Right End** |
| Even | Positive  (+) |  |  |
| Even | Negative  (-) |  |  |
| Odd | Positive  (+) |  |  |
| Odd | Negative  (-) |  |  |

**Type of Zeros (Intersection)**

|  |  |  |
| --- | --- | --- |
| **Multiplicity**  (degree on the factor) | **Type of Intersection** | **Behavior** |
| 1 | Straight | Crosses straight through |
| Even  (2,4,6,8,…) | Tangent | Bounces |
| Odd (greater than 1)  (3,5,7,9,…) | Inflection | Slides through |