Sketch the graph on the chart. (Do not worry about scale.) Fill in the remaining columns of the chart based on your graph.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Function** | **Graph of f(x)** | **Roots, Multiplicity and**  **Type of Behavior** | | | **Term of Highest Degree** | **End Behavior** | |
|  |  |  |  |  |  |  |  |
| 1. |  | m=3  Twist | m=1  Thru | m=2  Bounce |  | UP | UP |
| 2. |  |  |  |  |  |  |  |
| 3. |  |  |  |  |  |  |  |
| 4. |  |  |  |  |  |  |  |
| 5. |  |  |  |  |  |  |  |
| 6. |  |  |  |  |  |  |  |
| 7. |  |  |  |  |  |  |  |
| 8. |  |  |  |  |  |  |  |