|  |  |
| --- | --- |
| **with a positiveleading coefficient** | **with a negativeleading coefficient** |
| positive leading coefficient | negative leading coefficient |

Even degree polynomials

|  |  |
| --- | --- |
|  |  |

Odd degree polynomials

|  |  |
| --- | --- |
| **with a positiveleading coefficient** | **with a negativeleading coefficient** |
| http://images.flatworldknowledge.com/redden/redden-fig03_x089.jpg | http://images.flatworldknowledge.com/redden/redden-fig03_x094.jpg |
|  |  |