Precalculus with Limits
Larson
6th edition

Honors Precalculus
2.4-2.5

Assignment #	Section	Problems
1	2.4	8, 9, 11, 15 – 19 odd, 33, 35, 42, 51, 53, 67, 69
2	2.5	13, 16, 28, 31, 32, 34, 36
3	2.5	WS #1 – ALL work on looseleaf SHOW ALL Graphs
4	2.5	45 – 49 odd, 55, 58, 59, 61
5		Study for Test
6		Test
7		Group Test

Please note:

 All graphs go on graph paper
 If the directions says to sketch a graph or check with calculator…..graph must accompany problem

All work on looseleaf
Graphs on graph paper!

For #'s 1-4, use a graphing calculator to find 2 roots and then synthetic division to find the remaining root.
Be sure to show the graph with an appropriate window.
Label and scale your graphs. State your window.

1) $f(x) = x^4 - x^3 - 5x^2 - x - 6$

2) $f(x) = 4x^4 + 4x^3 - 39x^2 - 36x + 27$

3) $f(x) = 2x^4 + 5x^3 - x^2 + 5x - 3$

4) $f(x) = 2x^4 + x^3 + x^2 - 7x + 3$

Use a graphing calculator to find 3 roots and then synthetic division to find the remaining roots.
Be sure to show the graph with an appropriate window.
Label and scale your graph. State your window.

5) $f(x) = 2x^5 + 5x^4 - 2x^3 + 2x^2 - 4x - 3$