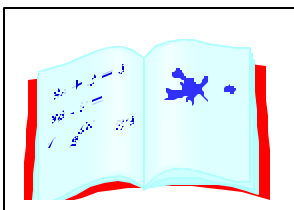


# HOMEWORK #7 @ 15 points

date assigned: 03/20



- Write in a neat and organized fashion; use a pencil.
- Label each section and exercise; do the exercises in the order assigned.
- All exercises must be clearly separated from each other.
- Use a one-column format (no more than one exercise per row/line).
- Draw the coordinate system using a straightedge and clearly label the axes and all the points used.
- In word problems, define all variables and use appropriate units.
- For an exercise to be complete there needs to be a detailed solution.  
Do not just write down an answer. No proof, no credit given!
- No sloppy homework will be graded!

Section	<b>Hand in</b> <b><u>Monday, April 3</u></b> Attach Homework Checklist <b>COVER SHEET</b>
3.4	<b># 1 – 8</b> Use transformations of functions to graph the following: <b>#14, 15, 18, 19</b> Use method shown in class: <b>#22 – 29 even</b> Graph the following polynomials showing the x-and y-intercepts, end behavior, and test points. Label the axes and all points used: <b>#31, 32, 37, 38, 40</b> <b>#43, 44, 46, 52, 53, 55, 61, 62</b>
3.5	<b># 2 – 16 even, 19, 21, 24, 28, 38 – 46 even, 47, 48</b> Graph the following functions showing the x- and y-intercepts, the vertical, horizontal, and oblique asymptotes, as well as test points. Label the axes, the asymptotes, and all the points used: <b># 51 – 53, 56 – 58, 66</b> <b>#70, 72</b> EXTRA CREDIT (5 points) – to be submitted separately # 85 – 94

No late homework will be accepted!