Note:
After you are done with the homework problems related to Test 3. Try again to solve the following problems, and check your answers when you are done with all of them.

Section 3.4:  # 9, 11, 23, 25, 39, 41, 45, 63
Section 3.5:  # 2, 5, 10, 12, 18, 19, 20, 21, 27, 33, 37, 39, 49
Section 3.6:  # 9, 11, 17, 21, 27, 31, 39, 41
Section 3.7:  # 7, 15, 25, 27, 33, 35
Section 3.8:  # 5, 11, 17, 23, 27, 29, 31, 35, 37
Section 4.1:  # 17, 21, 23, 25, 33, 35

Prepare all your questions regarding the above problems for the review meetings we have before Test 3.

An extra review meeting will be available in the MAC center. Time of the session will be announced in class.

After you finish all of the above problems, take a break and try Test 3 Sample on your own with your notes closed. Make sure you do the whole sample at once and in less than 2 hours.

The Sample Test is not a homework and will not be solved in class, but you can ask the mentor as long as you show your work.

Answers for even problems:
Section 3.5:  #2) even

#12) Graph $g(x) = |x|$, then

$\begin{align*}
c &= -3, \text{ shift left 3,} & c &= 1, \text{ shift right 1,} & c &= 3, \text{ shift right 3} \\
\end{align*}$

#18) Graph $g(x) = \frac{-1}{2} x^2$, then

$\begin{align*}
c &= -2, \text{ shift left 2,} & c &= 0, \text{ no changes,} & c &= 3, \text{ shift right 3} \\
\end{align*}$

#20) Graph $g(x) = x^3$, then

$\begin{align*}
c &= -2, \text{ shift right 2,} & c &= 1, \text{ shift left 1,} & c &= 2, \text{ shift left 2} \\
\end{align*}$