11.1 - Solve problem 6.1.3 from the textbook, parts (a), (c), (e), (g) and (i).

11.2 - Solve problem 6.2-3 (b) and (d). Note: Although these are not rational functions you can write them as the sum of terms that are the product of a rational function and $e^{-as}$, $a > 0$. You can now compute the inverse Laplace transform of each one of the terms by recalling the time-shifting property and what you know about rational functions.

11.3 - Problem 6.3.1 from the textbook.

11.4 - Problem 6.3-7 (i), (iii) and (iv) from the textbook.

11.5 - Problem 6.3-5 (c) from the textbook.

11.6 - Problem 6.6-1 from the textbook.

\footnote{You can always hand-in the homework earlier if you so desire - just give it in hand to me or to one of the TAs, or leave it in my mailbox (in the EE office on the 13th floor of Mudd).}