2015 Fall Math 217  Assignment 11.  Due: N/A

Student No.

Name:

All problems are from Elementary Differential Equations (and Boundary Value Problems) 10ed by Boyce and DiPrima.

Try the following problems, but you do not need to hand in the solutions.

§6.2  29
Extra problem: find the inverse Laplace transform of

\[ F(s) = \arctan\left(\frac{3}{s+2}\right). \]

§6.5  1, 2, 6, 18
§6.6  1, 9, 10, 13

For elementary Laplace transforms, please consult the table on p.321.