

MA/PHY507 Spring 2013
Problem Set 8
DUE: Friday, 26 April 2013

1. Arfken, section 19.2, wave equation, pages 956, problem 19.2.20.
2. Arfken, section 20.2, Fourier transform, pages 976 onward, problems 20.2.6, 20.3.6.
3. Arfken, section 9.7, heat equation, page 444, problem 9.7.3.