

MA/PHY507 Spring 2013
Problem Set 1
DUE: Friday, 18 January 2013

1. Arfken, section 1.8, pages 60–61, problems: 1.8.4, 1.8.5 (first two only - use Euler's formula), 1.8.6 (do the first one in a) and b) using Euler's formula), 1.8.10 (parts a) and b)), 1.8.11 (part a)).
2. Arfken, section 11.2, problems 11.2.1, 11.2.3, 11.2.7–11.2.8. 11.2.9 (parts a), b) and f)).