

MA/PHY507 Spring 2018
Problem Set 6
DUE: Wednesday, 21 March 2018

1. Arfken, section 11.7, pages 520–521, problem: 11.7.1 a), b) and f).
2. Evaluate the following contour integrals:

(a)

$$\int_{|z|=9} \frac{1}{e^z - 1} dz$$

(b)

$$\int_{|z|=2} \frac{5z - 2}{z(z - 1)} dz$$