

Problem Set #6

Due Friday, November 21, 2008

1. Evaluate $\oint_C \frac{e^z}{z} dz$ where the contour C is the circle $|z| = 1$.
2. Evaluate $\oint_C \frac{z^2 + 1}{z^2 - 1} dz$ where the contour C is the circle $|z| = 2$.
3. RHB Problem 24.10.