

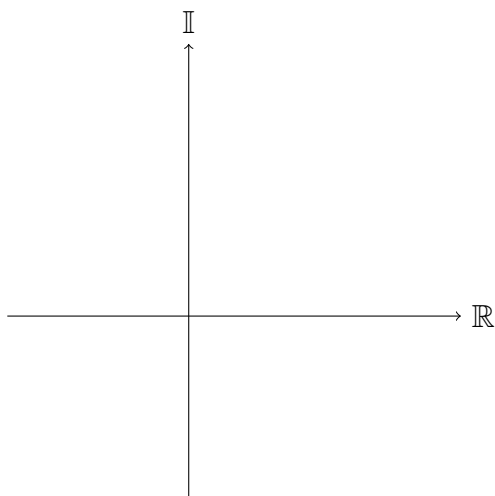
Worksheet # 8

MATH 3160 – Complex Variables
Miguel Gomez

Completed: October 15, 2025

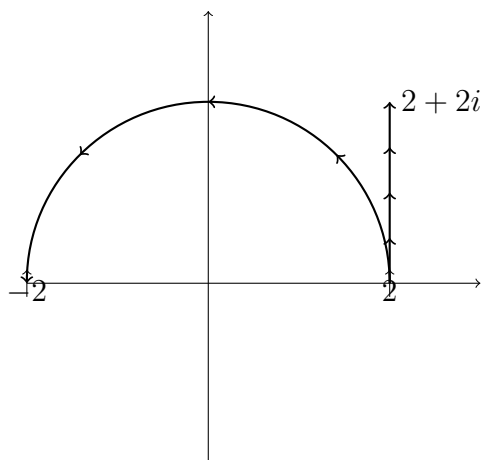
Problem 1

A contour C is parametrized by $\gamma(t) = e^{i(\pi-t)}$ ($0 \leq t \leq \pi$). Draw the contour C , carefully indicating its starting point and ending point.



Problem 2

Write down the parametrization of the following contour:



Problem 3
