Math 403, section 1 **Questions about exp and log** February 11, 2002

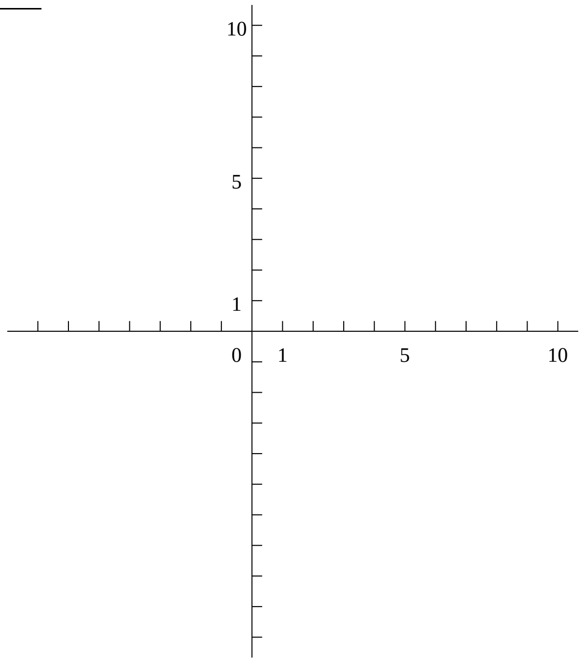
Exactly 2 students should work on this. Their names should be printed below.

______________________________ ______________________________

exp

Write all values of $\exp(1+i)$: ________________

Show all complex z's having a value of $\exp z$ which is <u>real</u> on the axes to the right.



log

Write all values of $\log(1+i)$: ________________

Show all complex z's having a value of $\log z$ which is <u>real</u> on the axes to the right.