## HW5 Answer template

Please use these for uploading to Gradescope. Put your final answer in the box provided.

Navier states

Problem 1

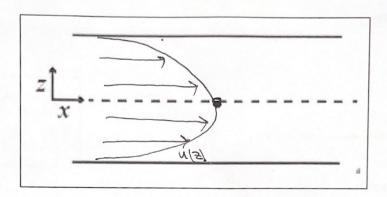
(a)

Problem 1 (continued)

(d) no final answer, show your work demonstrating answers in parts c and d are equivalent

## Problem 1 (continued)

(e)



(1)

Plane, Steady, incompressible

Yes

	\
Names Josh	whiteheard
Unid: VIDE 3	
Cilia. VIVEI 3	

Problem 2 boundary 1

J. , Y.

boundary 2

Pf=Pata

boundary 3

No slip

boundary 4

2 1 /5

Name: 205h whitehead Unid: 1069343

Page 5

Problem 3

Does this satisfy continuity (yes/no)?

6-7-V

V 234. +2x's

V.V - day dv = 0

Yes

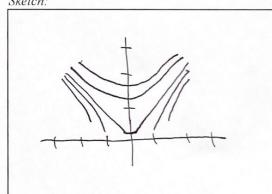
If so, find and sketch the stream function

$$N = \frac{3\lambda}{9\lambda} \qquad \lambda = -\frac{3\lambda}{9\lambda}$$

. +(x)--x=

· 4-37-x2





Stream function: