

MATH 4530: HOMEWORK #5

- Due Friday, October 6th at 11pm.
- To be submitted on the course gradescope.
 - Please remember to indicate which pages your solutions to each problem appear on.
- § n : # m refers to exercise number m from the exercise list following Section n of the textbook (Topology, Second Edition by James R. Munkres).
- You are encouraged to discuss the problems in groups. *However, you must write your solutions individually!*

Problems.

- (1) §20: #4
- (2) §20: #5
- (3) §20: #6
- (4) §21: #2
- (5) §21: #3
- (6) §21: #7
- (7) §22: #2
- (8) §22: #3