

MATH 4530: HOMEWORK #3

- Due Friday, September 15th 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) §17: #8
- (2) §17: #11
- (3) §17: #12
- (4) §17: #14
- (5) §17: #16
- (6) §18: #2
- (7) §18: #4
- (8) §18: #5
- (9) §18: #13