

MATH 4530: HOMEWORK #2

- Due Friday, September 8th 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) §16: #1
- (2) §16: #3
- (3) §16: #4
- (4) §16: #6
- (5) §16: #9
- (6) §16: #10
- (7) §17: #6
- (8) §17: #19
- (9) §17: #20