

MATH 4530: HOMEWORK #9

- Due Friday, November 10th 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) §28: #4
- (2) §28: #6
- (3) §29 (page 186): #1
- (4) §29 (page 186): #5
- (5) §29 (page 186): #8
- (6) §30: #4