

All problems are to be written up clearly and thoroughly, using complete sentences. This assignment is due in discussion at 2pm on Tuesday, January 28th.

For all T/F problems on the homework, provide a brief justification for your answer. That may be citing an appropriate theorem or providing a counterexample.

1. From the book:

Section 5.4 problems 11, 16, 21, 23, 26, 35.

Section 6.1 problems 12, 17.

Section 6.2 problems 6, 17.