Math 431/531 (Topology), Fall 2015
HW 8

Starred problems are for 531 students, and are extra credit for 431 students. 531 students must LaTeX their solutions.

1. Exercise 7.13a(def*) from K

2. Exercise 3 from Munkres p171 (Note: they mean any union, not just a disjoint union. But this works for disjoint unions too.)

3. Exercise 4, 5, 7 from Munkres p171 (I'm not assigning 8, but you should read it just to get some emotional "closure" on all those exercises from last week.)

4. Exercise 2, (3*) from Munkres p177

5. Exercise 5, 8 from Munkres p186