Exercises from Munkres 2nd edition

Note that sometimes a problem is listed without specifying which of its subparts to do, and sometimes it is listed with all of its subparts—these are equivalent instructions which mean "all of the subproblems are worth doing."

§17 Closed sets and limit points

1, 5, 7, 10, 12, 13, 15, 17

§18 Continuous functions

6, 7, 8b, 10, 11, 12, 13

§20 Metric topology

2, 3, 4, 5, 8

§22 Quotient topology

2a, 3, 4

§24 Connected subspaces of the real line

1c, 2, 3, 4, 8, 10, 12

§25 Components and local connectedness

1, 3, 4, 5, 7 (see 6 for definition)

§26 Compact spaces

1, 2ab, 3, 4, 8,10ab

§27 Compact subspaces of the real line

1, 4, 6