Math 524

Homework due 10/27/10

Reading from Stein & Shakarchi: Chapter 1, §4. Chapter 6, §1, §2.

Exercises from Stein & Shakarchi: Chapter 1: 16,17, 21, 28, 29.
Chapter 6: 1 (Please note that you also need to assume that $\mathcal{M}$ is closed under finite intersections.)

Note: Several of the exercises above have hints. Make sure to prove the steps of the proof that appear as a hint.