My Problems:

(A) Let A, B, C be sets. Which of the following sets are the same: $A \times B \times C$, $(A \times B) \times C$, $A \times (B \times C)$ and $(B \times A) \times C$. Explain.

Book Problems:

Hammack, Section 1.1: 20, 22, 32

Hammack, Section 1.3: 9, 13

Hammack, Section 1.4: 15, 16, 20

Hammack, Section 1.5: 3(a)(c)(f), 10

Hammack, Section 1.6: 4