

Home work 1
Due January 28

1. Give examples of set A and set B and a mapping $f : A \rightarrow B$.
2. Prove that $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$ for any three sets A, B, C .
3. Problem 14, 15 on page 7
4. Problem 18 on page 7
5. Problem 6,7 on page 19
Problem 19, 20, 22 on page 15