

# Homework assignment 1

Due January 26

Problems from Abbott **2nd edition**:

1.2.1,

1.2.5 (Note: Remember that to show that two sets  $A$  and  $B$  are equal, that is  $A = B$ , we need to show that  $A \subseteq B$  and  $B \subseteq A$ . That is, every element in  $A$  is also in  $B$ , likewise every element in  $B$  is also in  $A$  ),

1.2.7,

1.2.12,

1.2.13.