

# Lecture 3

January 21, 2015

1. Use the Venn's Diagram to explain why we have the formulas

$$\begin{aligned}(A \cap B)' &= A' \cup B' \\ (A \cup B)' &= A' \cap B' .\end{aligned}$$

Try Problems 2.2.11, 2.2.14, 2.2.15, 2.2.17, 2.2.21.