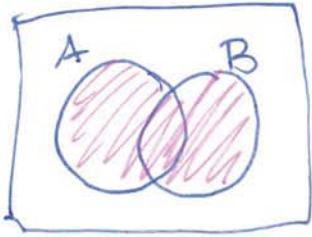
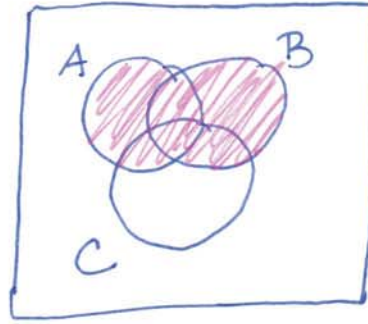


$A \cup B$

$\cup = \text{union}$

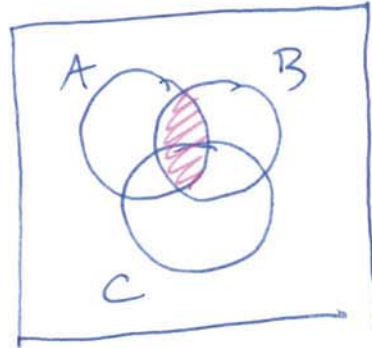
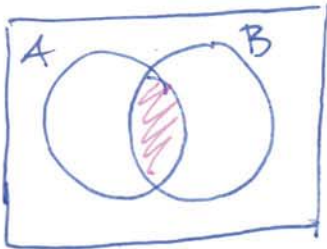


$A \cup B$



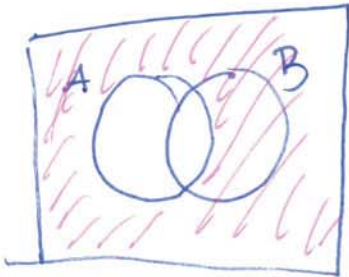
$A \cap B$

\cap Intersection

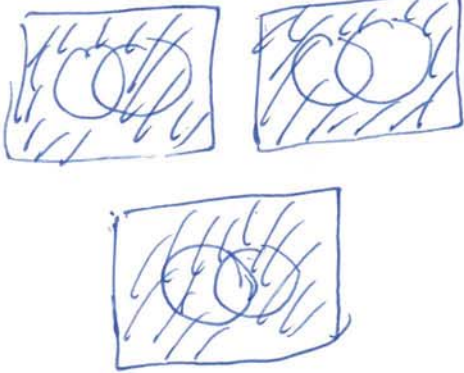


\bar{A}

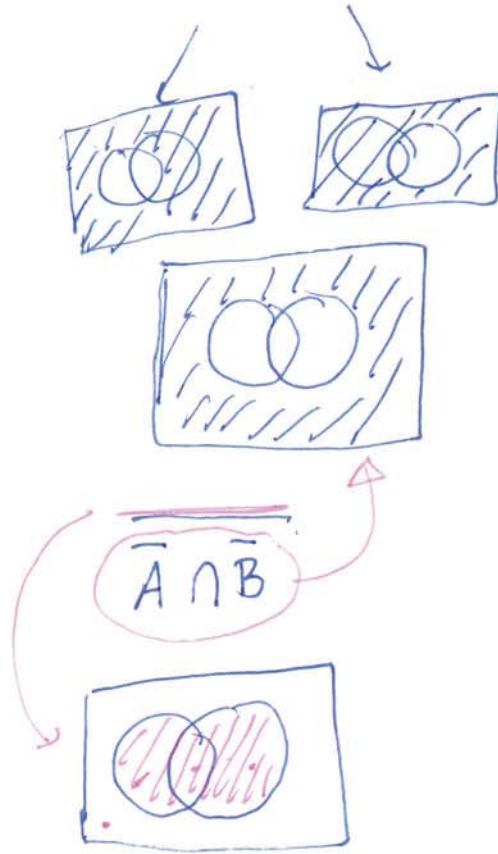
$\bar{\quad}$ complement = not in A



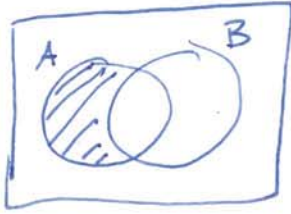
$$\overline{A \cup B}$$



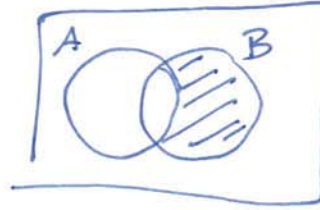
$$\overline{A} \cap \overline{B}$$



$A - B$



$B - A$



$\overline{A - B}$

$A - B$



$\overline{A - B}$



$A - \overline{B}$



pg 46 # 4, 9-12