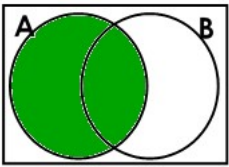
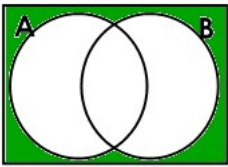
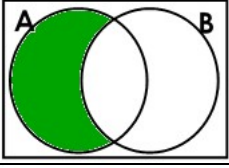
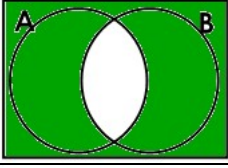
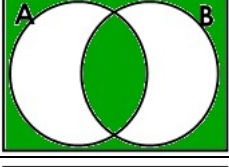
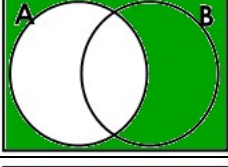
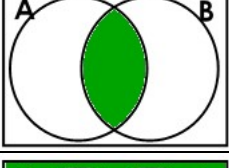
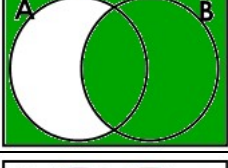
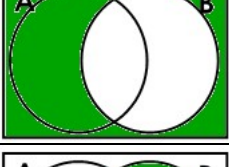
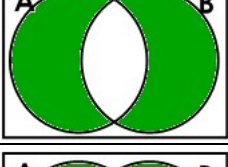

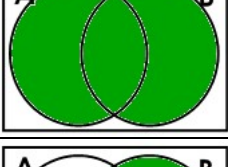
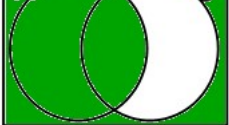
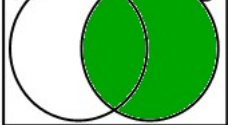
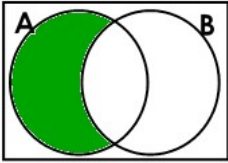
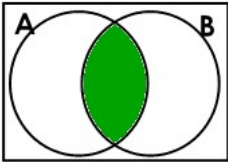
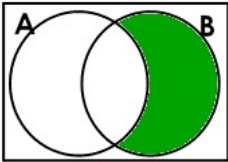
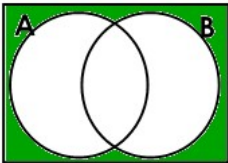
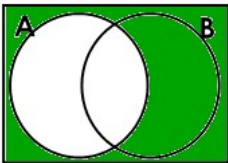
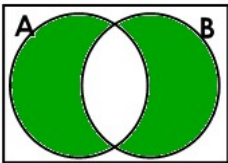
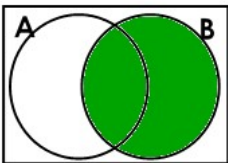


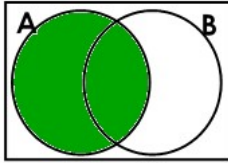
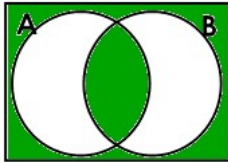
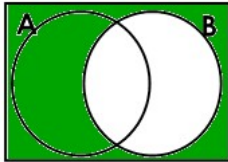
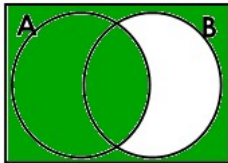
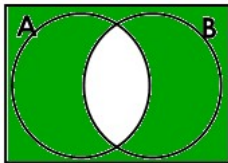
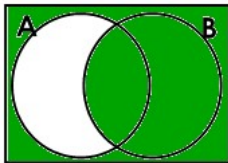
### Part 5.5: Venn Diagrams Terminology Exercise

Match the diagrams with the probability way of writing it.

$P(A \cap B')$		$P(A)$	
$P(A \cap B)$		$P((A \cap B) \cup (A' \cap B'))$	
$P(A' \cap B)$		$P(B')$	
$P(A \cup B)'$		$P(A \cup B')$	
$P(A')$		$P(A \cap B)'$	
$P((A \cap B') \cup (A' \cap B))$		$P(A' \cup B)$	
$P(B)$		$P(A \cup B)$	

### Part 5.5 Answers

$P(A \cap B')$	
$P(A \cap B)$	
$P(A' \cap B)$	
$P(A \cup B)'$	
$P(A')$	
$P((A \cap B') \cup (A' \cap B))$	
$P(B)$	

$P(A)$	
$P((A \cap B) \cup (A' \cap B'))$	
$P(B')$	
$P(A \cup B')$	
$P(A \cap B)'$	
$P(A' \cup B)$	
$P(A \cup B)$	