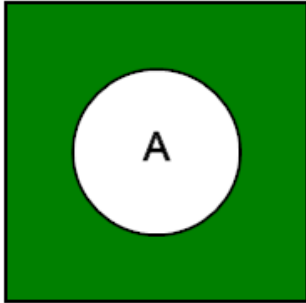


## Probability Union, Intersection, Complement - Venn Diagram to Set Operation

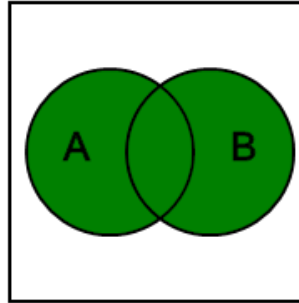
1 What set operation does the green area in this Venn diagram represent?



A	B
$P(A B)$	$P(A')$

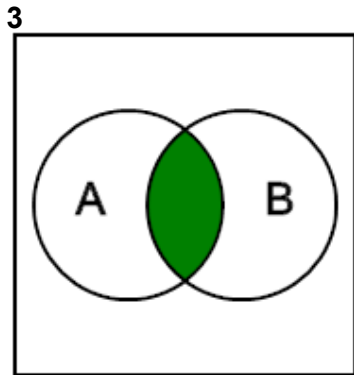
C	
$P(A \cap B)$	

2 What set operation does the green area in this Venn diagram represent?



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

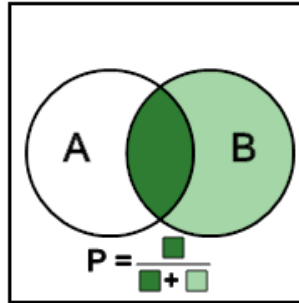
C	
$P(A')$	



What set operation does the green area in this Venn diagram represent?

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

4 What set operation does the green area in this Venn diagram represent?



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

C	
$P(A \cap B)$	