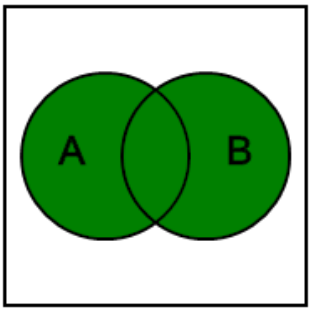
Name

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

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

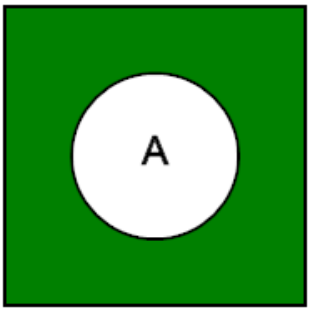



A $P(A \cup B)$

B $P(A|B)$

C $P(A')$

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

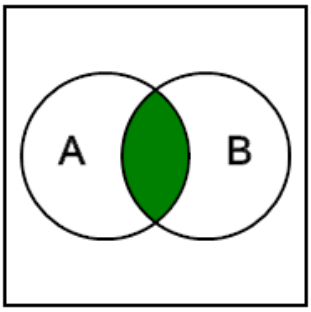



A $P(A')$

B $P(A \cap B)$

C $P(A|B)$

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




A $P(A|B)$

B $P(A \cup B)$

C $P(A \cap B)$