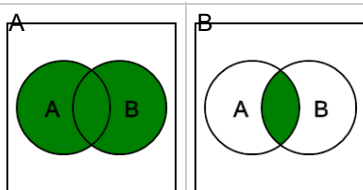# Probability Union, Intersection, Complement - Set Operation to Venn Diagram

1

Which Venn diagram represents this probability set operation
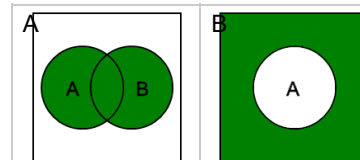
$$P(A \cap B)$$

2

Which Venn diagram represents this probability set operation

$$P(A')$$

3

Which Venn diagram represents this probability set operation

$$P(A \cup B)$$