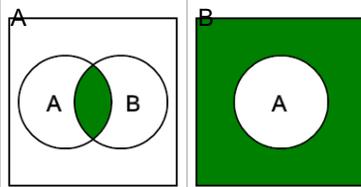# Probability Union, Intersection, Complement - Formula to Venn Diagram
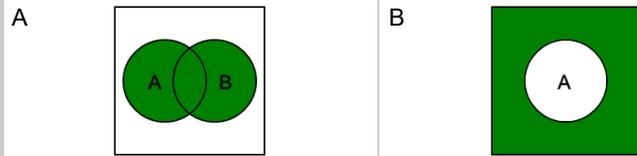
1

Which Venn diagram represents this probability formula

$$P(A) \cdot P(B)$$

2 Which Venn diagram represents this probability formula

$$P(A) + P(B) - P(A \cap B)$$

3

Which Venn diagram represents this probability formula

$$1 - P(A)$$