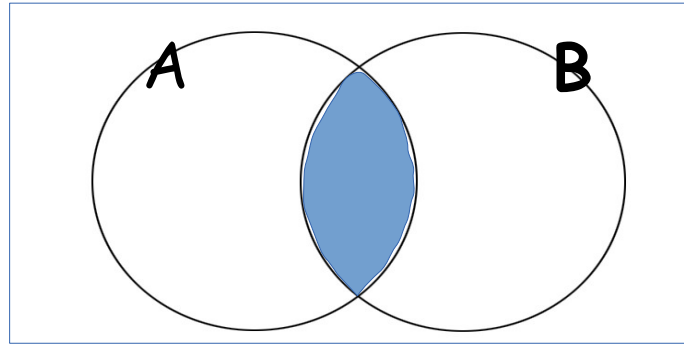


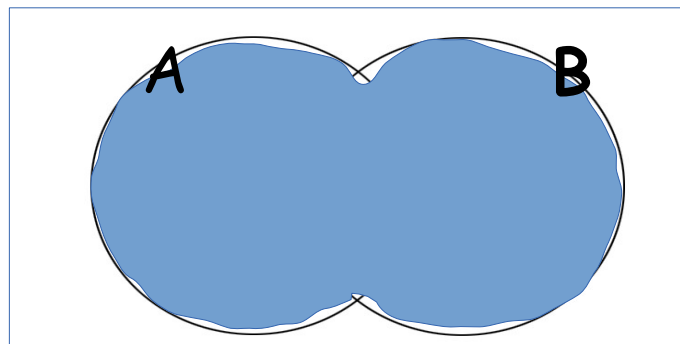
$$P(A \cap B)$$

The intersection of A and B



$$P(A \cup B)$$

The union of A and B



$$P(A | B)$$

The probability of A given B

$$P(A')$$

The probability of not A

Independent Events

$$P(A) \times P(B) = P(A \cap B)$$

Mutually Exclusive

$$P(A \cap B) = 0$$

Remember to use the formulae
that you are given: