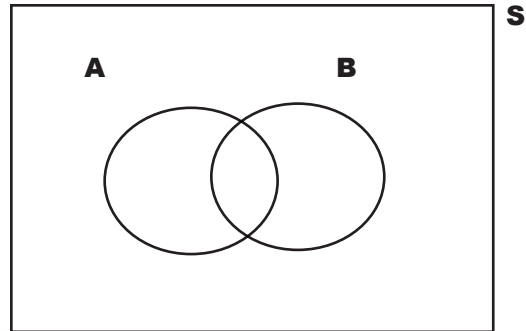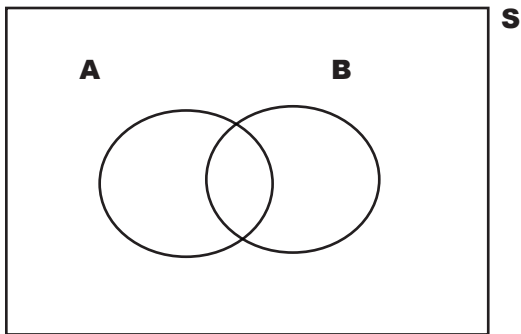# BE the probability
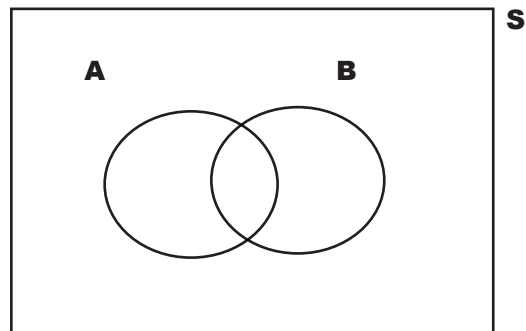
Your job is to play like you're the probability and shade in the area that represents each of the following probabilities on the Venn diagrams.

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

$P(A' \cap B')$

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