



## Probability Union, Intersection, Complement - Set Operation to Description

1 This set operation gives the probability of what?  $P(A \cup B)$

A Either A or B happening

B Both A and B happening

C Event A happening, given that B has happened

D Event A not happening

2 This set operation gives the probability of what?  $P(A \cap B)$

A Event A happening, given that B has happened

B Either A or B happening

C Both A and B happening

D Event A not happening

3 This set operation gives the probability of what?

$P(A')$

A Event A not happening

B Either A or B happening

C Event A happening, given that B has happened

D Both A and B happening