Probability Union, Intersection, Complement - Formula to Description

Name _____

1 This formula calculates the probability of what?

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

A Event A happening, given that B has happened	B Event A not happening
C Either A or B happening	D Both A and B happening

2 This formula calculates the probability of what?

$$1 - P(A)$$

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 formula calculates the probability of what?

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

A Event A not happening	B Both A and B happening
C Event A happening, given that B has happened	D Either A or B happening