



## Probability Union, Intersection, Complement - Name to Description

1  (A) conditional on (B)	This set operation gives the probability of what?		2  This set operation gives the probability of what?	Complement of (A)			
	A	Both A and B happening		A	Event A not happening	B	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
	C	Either A or B happening					
D	Event A happening, given that B has happened						
3  This set operation gives the probability of what?		(A) intersect (B)		4  This set operation gives the probability of what?		(A) union (B)	
A	Both A and B happening	B	Event A not happening	A	Event A happening, given that B has happened	B	Both A and B happening
C	Event A happening, given that B has happened	D	Either A or B happening	C	Either A or B happening	D	Event A not happening