



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

### Operation

<b>1</b> Select the probability set operation notation that is described  Either A or B happening	A	B	<b>2</b> Select the probability set operation notation that is described  Event A not happening	A	B	
	$P(A \cup B)$	$P(A B)$		$P(A \cap B)$	$P(A')$	
	C			C		
	$P(A')$			$P(A \cup B)$		
<b>3</b> Select the probability set operation notation that is described  Both A and B happening	A	B	<b>4</b> Select the probability set operation notation that is described  Event A happening, given that B has happened	Select the probability set operation notation that is described		
	$P(A')$	$P(A B)$		A	$P(B A)$	B
	C			C	$P(A B)$	
	$P(A \cap B)$			$P(A \cup B)$		