



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

<b>1</b> Select what this probability formula calculates  $\frac{P(A \cap B)}{P(B)}$	A (A) conditional on (B)	<b>2</b> Select what this probability formula calculates  $1 - P(A)$		
	B (B) conditional on (A)		A Complement of (A)	B (A) intersect (B)
	C Complement of (A)		C (A) union (B)	D (A) conditional on (B)
	D (A) intersect (B)			
<b>3</b> Select what this probability formula calculates  $P(A) + P(B) - P(A \cap B)$	A Complement of (A)	<b>4</b> Select what this probability formula calculates  $P(A) \cdot P(B)$		
	B (A) conditional on (B)		A (A) conditional on (B)	B (A) union (B)
	C (A) intersect (B)		C Complement of (A)	D (A) intersect (B)
	D (A) union (B)			