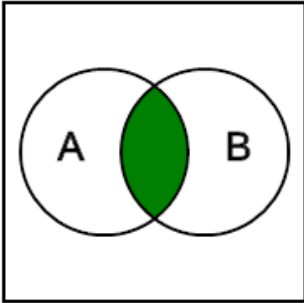




## Probability Union, Intersection, Complement - Venn Diagram to Formula

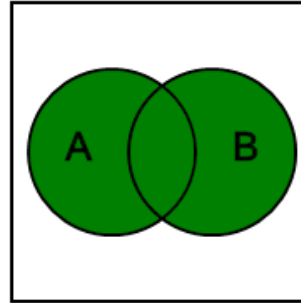
1 What formula would calculate the green area in this Venn diagram



A	B
$P(A) \cdot P(B)$	$1 - P(A)$

$\frac{P(A \cap B)}{P(B)}$	
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2 What formula would calculate the green area in this Venn diagram

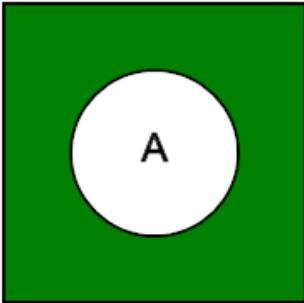


A
$\frac{P(A \cap B)}{P(B)}$

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

C
$1 - P(A)$

3 What formula would calculate the green area in this Venn diagram



A	B
$\frac{P(A \cap B)}{P(B)}$	$P(A) \cdot P(B)$

C
$1 - P(A)$