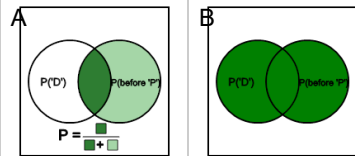


## Probability Union, Intersection, Complement - Example Problem to Venn Diagram

1

D	

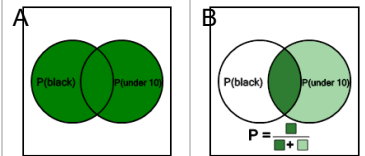
Which Venn diagram represents the probability of the selected letter being 'D', if you know that the selected letter is before 'P' in the alphabet?



2

Q ♣	A ♠
Q ♠	8 ♠

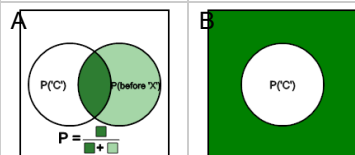
Which Venn diagram represents the probability of drawing a card that is black or under 10?



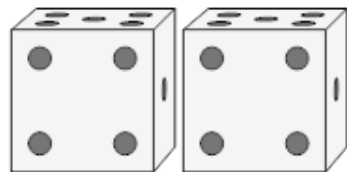
3

C	

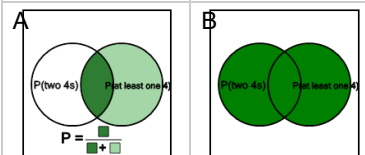
Which Venn diagram represents the probability of the selected letter being 'C', if you know that the selected letter is before 'X' in the alphabet?



4



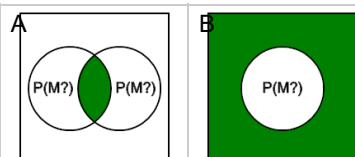
Which Venn diagram represents the probability of both dice being a 4, given that at least one die is a 4?



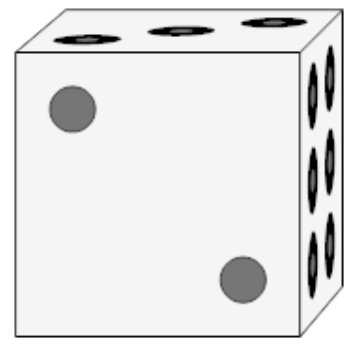
5

M	

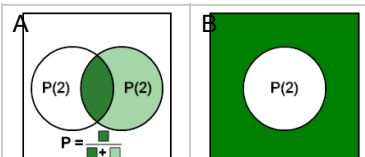
Which Venn diagram represents the probability of drawing an 'M' twice in a row?



6



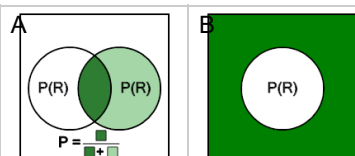
Which Venn diagram represents the probability of not rolling a 2?



7

R	

Which Venn diagram represents the probability of not drawing an 'R'?



8

K ♣	J ♥
7 ♠	A ♣

Which Venn diagram represents the probability of not drawing a card that is over 6?

