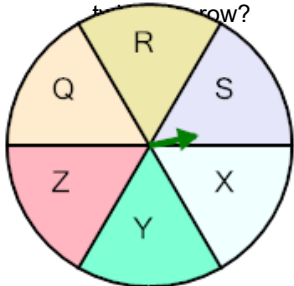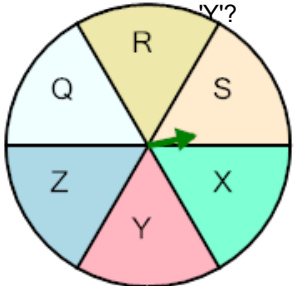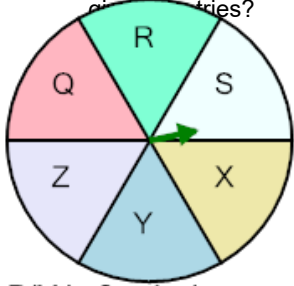# mobius

Probability Union, Intersection, Complement - Example Problem to Set Operation

1 What set operation would give you the probability of spinning 'Y' twice in a row?

P(Y twice)

A	B
$P(Y|Y)$	$P(Y')$
C	
$P(Y \cap Y)$	

2 What set operation would give you the probability of not 'Y'?

P(Not Y)

A	B
$P(Y \cap Y)$	$P(Y')$
C	
$P(Y|Y)$	

3 What set operation would give you the probability of spinning 'Y' in two tries?

P(Y in 2 spins)

A	B
$P(Y \cap Y)$	$P(Y \cup Y)$
C	
$P(Y|Y)$	