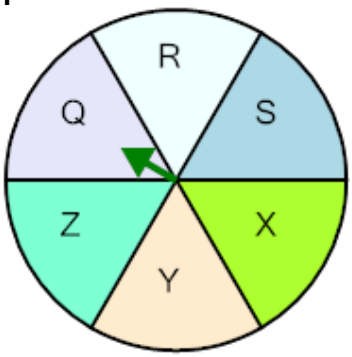
Name

Probability Union, Intersection, Complement - Spinner Example Problem to Name

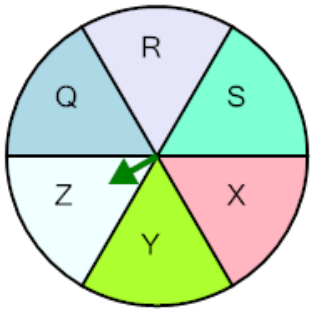
1



What set operation would give you the probability of spinning 'Q' at least once given two tries?

A	B
Q_1 union Q_2	Q_1 intersect Q_2

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

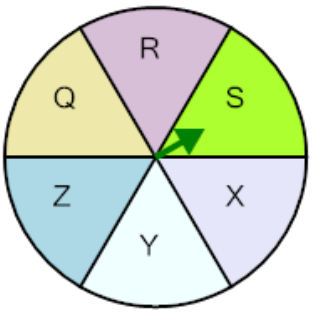


A Z_1 intersect Z_2

B Complement of Z_1

C Z_1 union Z_2

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

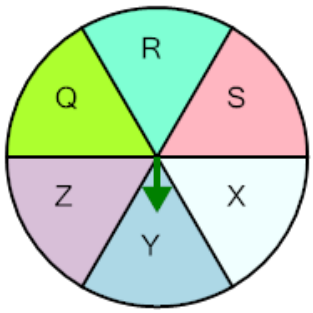


A Complement of S_1

B S_1 intersect S_2

C S_1 union S_2

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

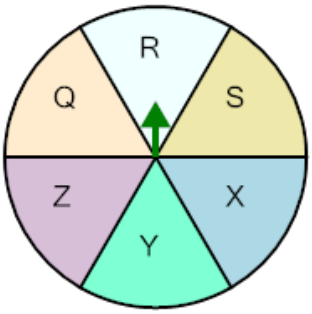


A Y_1 conditional on Y_2

B Y_1 intersect Y_2

C Complement of Y_1

5 What set operation would give you the probability of not spinning 'R'?



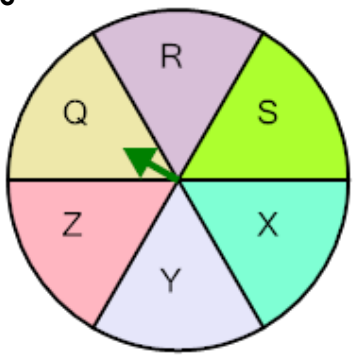
A (R) intersect (R)

B (R) conditional on (R)

C Complement of (R)

D (R) union (R)

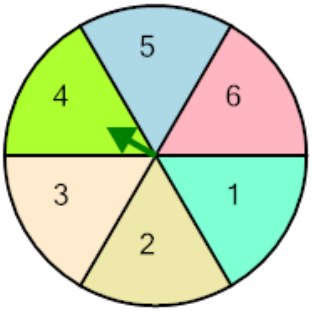
6



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

A	B
Q_1 intersect Q_2	Q_1 union Q_2

7 What set operation would give you the probability of landing on an even number, given that the spinner landed on a number greater than 1?



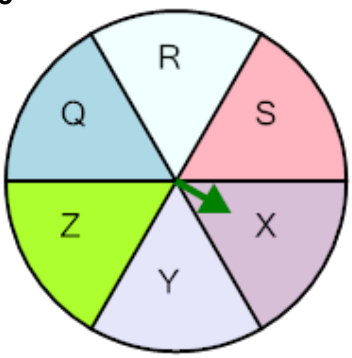
A (even) union (>1)

B (even) intersect (>1)

C (even) conditional on (>1)

D Complement of (even)

8



What set operation would give you the probability of spinning 'X' at least once given two tries?

A X_1 conditional on X_2

B X_1 union X_2