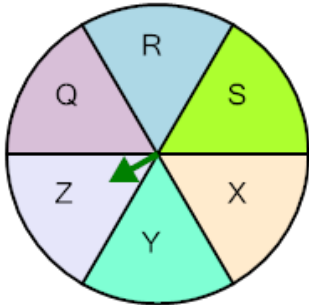


Probability Union, Intersection, Complement - Spinner Example Problem

to Name

1 What set operation would give you the probability of not spinning 'Z'?



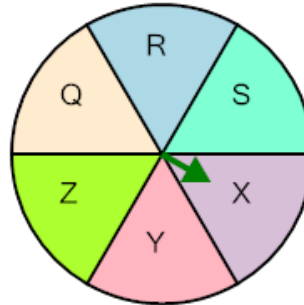
A (Z) intersect (Z)

B (Z) union (Z)

C (Z) conditional on (Z)

D Complement of (Z)

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

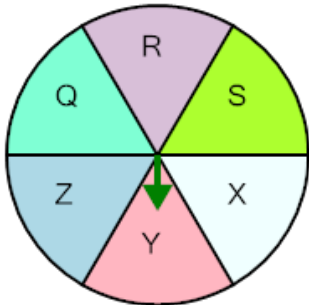


A X_1 union X_2

B X_1 intersect X_2

C Complement of X_1

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

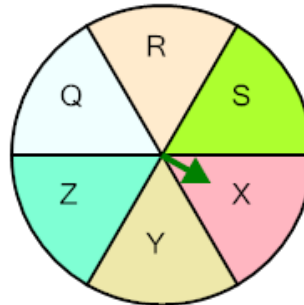


A Complement of Y_1

B Y_1 union Y_2

C Y_1 conditional on Y_2

4 What set operation would give you the probability of not spinning 'X'?



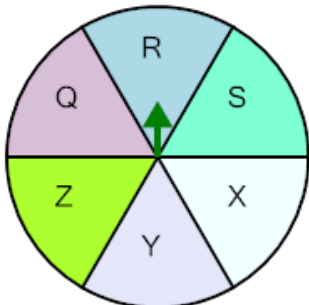
A (X) intersect (X)

B (X) union (X)

C Complement of (X)

D (X) conditional on (X)

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

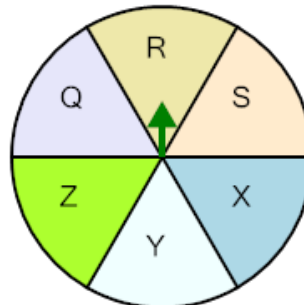


A R_1 conditional on R_2

B R_1 intersect R_2

C R_1 union R_2

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



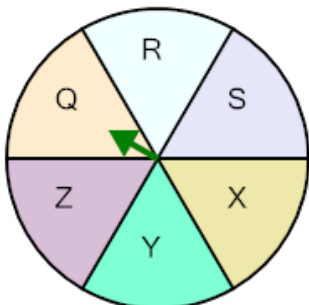
A (R) union (R)

B Complement of (R)

C (R) intersect (R)

D (R) conditional on (R)

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

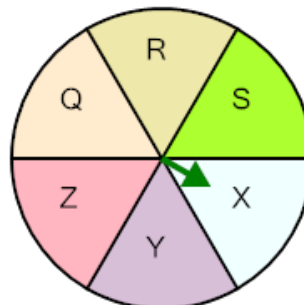


A Q_1 union Q_2

B Q_1 conditional on Q_2

C Complement of Q_1

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



A Complement of X_1

B X_1 intersect X_2

C X_1 conditional on X_2