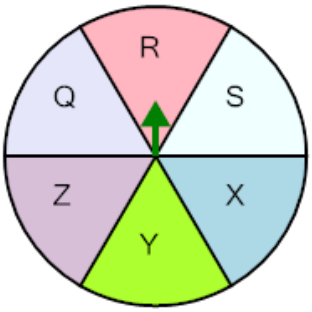
Name

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

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

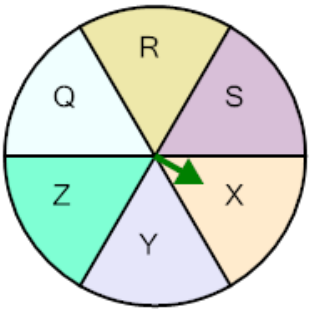


A $P(R')$

B $P(R|R)$

C $P(R \cup R)$

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

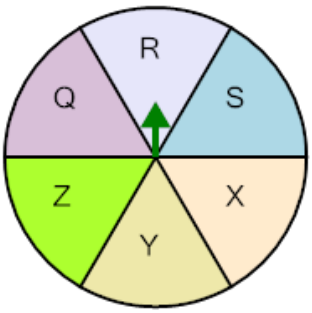


A $P(X_1 \cap X_2)$

B $P(X_1')$

C $P(X_1 \cup X_2)$

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

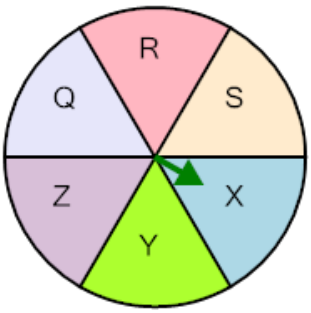


A $P(R_1')$

B $P(R_1|R_2)$

C $P(R_1 \cap R_2)$

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

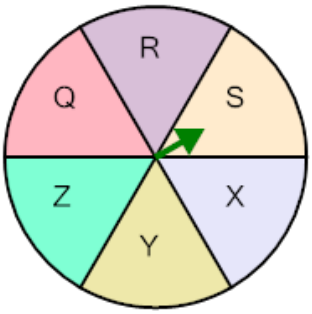


A $P(X_1|X_2)$

B $P(X_1 \cup X_2)$

C $P(X_1 \cap X_2)$

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

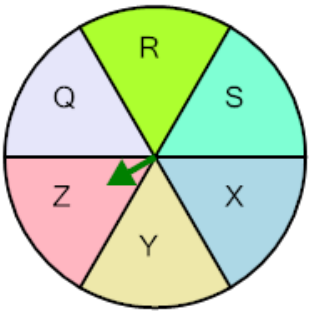


A $P(S')$

B $P(S \cap S)$

C $P(S|S)$

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

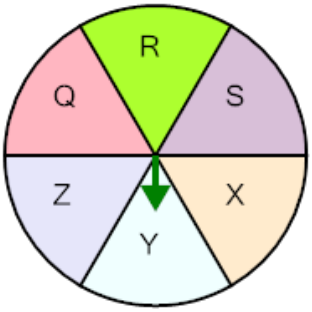


A $P(Z \cup Z)$

B $P(Z \cap Z)$

C $P(Z')$

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

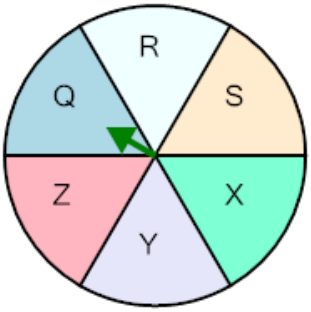


A $P(Y_1')$

B $P(Y_1|Y_2)$

C $P(Y_1 \cap Y_2)$

8 What set operation would give you the probability of not spinning 'Q'?



A $P(Q')$

B $P(Q \cup Q)$

C $P(Q \cap Q)$