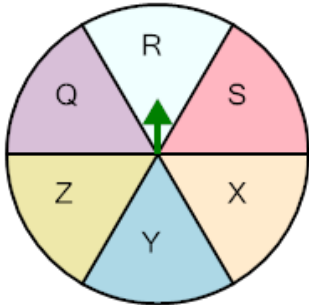


Probability Union, Intersection, Complement - Spinner Example Problem

to Formula

1 What formula would give you the chance of spinning 'R' at least once given two tries?

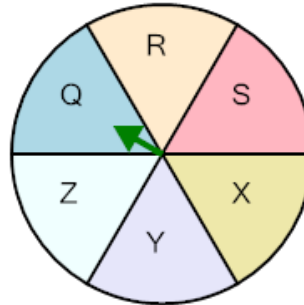


A $P(R_1) + P(R_2) - P(R_1 \cap R_2)$

B $\frac{P(R_1 \cap R_2)}{P(R_2)}$

C $P(R_1) \cdot P(R_2)$

2 What formula would give you the chance of spinning 'Q' twice in a row?

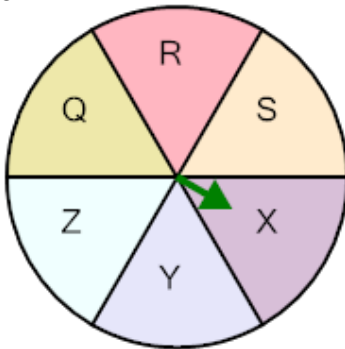


A $P(Q_1) \cdot P(Q_2)$

B $\frac{P(Q_1 \cap Q_2)}{P(Q_2)}$

C $1 - P(Q_1)$

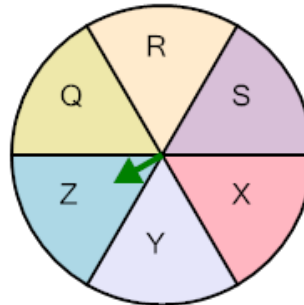
3 What formula would give you the chance of not spinning 'X'?



A $1 - P(X)$

B $\frac{P(X \cap X)}{P(X)}$

4 What formula would give you the chance of not spinning 'Z'?

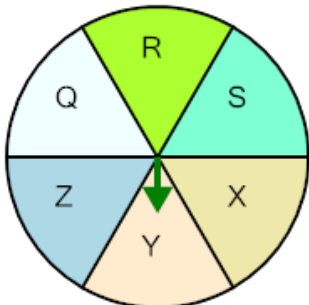


A $P(Z) + P(Z) - P(Z \cap Z)$

B $1 - P(Z)$

C $P(Z) \cdot P(Z)$

5 What formula would give you the chance of spinning 'Y' twice in a row?

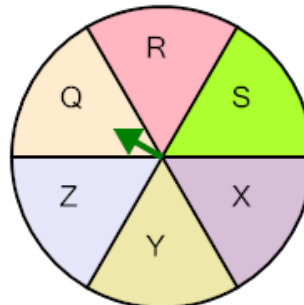


A $\frac{P(Y_1 \cap Y_2)}{P(Y_2)}$

B $P(Y_1) + P(Y_2) - P(Y_1 \cap Y_2)$

C $P(Y_1) \cdot P(Y_2)$

6 What formula would give you the chance of spinning 'Q' at least once given two tries?

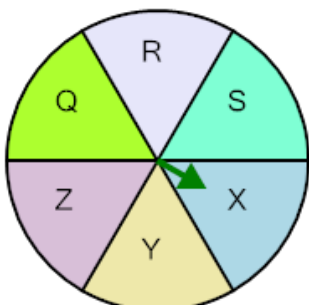


A $P(Q_1) + P(Q_2) - P(Q_1 \cap Q_2)$

B $P(Q_1) \cdot P(Q_2)$

C $\frac{P(Q_1 \cap Q_2)}{P(Q_2)}$

7 What formula would give you the chance of spinning 'X' twice in a row?

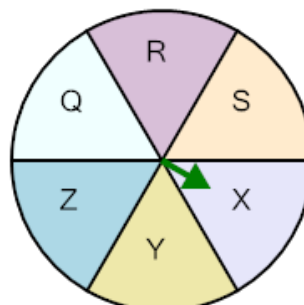


A $P(X_1) + P(X_2) - P(X_1 \cap X_2)$

B $\frac{P(X_1 \cap X_2)}{P(X_2)}$

C $P(X_1) \cdot P(X_2)$

8 What formula would give you the chance of spinning 'X' at least once given two tries?



A $P(X_1) \cdot P(X_2)$

B $\frac{P(X_1 \cap X_2)}{P(X_2)}$

C $P(X_1) + P(X_2) - P(X_1 \cap X_2)$