

Questions

Q1. Tickets numbered 1 to 20 are mixed up and then a ticket is drawn at random. What is the probability that the ticket drawn bears a number which is a multiple of 3?

Q2. In a lottery, there are 10 prizes and 25 blanks. A lottery is drawn at random. What is the probability of getting a prize ?

Q3. A card is drawn from a pack of 52 cards. The probability of getting a queen of the club or a king of heart is ?

Q4. Two cards are drawn from a pack of 52 cards. The probability that either both are red or both are kings, is?

Q5. A speaks truth in 60% cases and B speaks truth in 70% cases. The probability that they will say the same thing while describing a single event is?

Answers

Ans 1) $\frac{3}{10}$

Ans 2) $\frac{2}{7}$

Ans 3) $\frac{1}{26}$

Ans 4) $\frac{55}{221}$

Ans 5) 0.54

