

Solutions – Probability (A)

A fair six-sided die is rolled. Find the probability of getting 6.

$\frac{1}{6}$

A bag contains 10 red balls and 5 blue balls. One ball is chosen at random. Find the probability of choosing a red ball.

$\frac{2}{3}$

The probability of rain tomorrow is $\frac{2}{3}$. Find the probability that it does not rain.

$\frac{1}{3}$

A fair coin is tossed. Find the probability of getting heads.

$\frac{1}{2}$

A bag contains 3 red balls, 2 blue balls and 4 green balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{2}{9}$

A bag contains 16 red balls and 19 blue balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{19}{35}$

Solutions – Probability (B)

A bag contains 10 red balls and 15 blue balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{3}{5}$

A bag contains 2 red balls and 10 blue balls. One ball is chosen at random. Find the probability of choosing a red ball.

$\frac{1}{6}$

A fair six-sided die is rolled. Find the probability of getting a number less than 3.

$\frac{1}{3}$

A bag contains 5 red balls, 5 blue balls and 2 green balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{5}{12}$

A fair coin is tossed. Find the probability of getting heads.

$\frac{1}{2}$

The probability of rain tomorrow is $\frac{2}{7}$. Find the probability that it does not rain.

$\frac{5}{7}$

Solutions – Probability (C)

A bag contains 5 red balls, 7 blue balls and 2 green balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{1}{2}$

A fair coin is tossed. Find the probability of getting heads.

$\frac{1}{2}$

The probability of rain tomorrow is $\frac{7}{12}$. Find the probability that it does not rain.

$\frac{5}{12}$

A bag contains 4 red balls and 9 blue balls. One ball is chosen at random. Find the probability of choosing a red ball.

$\frac{4}{13}$

A fair six-sided die is rolled. Find the probability of getting 4.

$\frac{1}{6}$

A bag contains 14 red balls and 17 blue balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{17}{31}$

Solutions – Probability (D)

A bag contains 8 red balls and 7 blue balls. One ball is chosen at random. Find the probability of choosing a red ball.

$\frac{8}{15}$

A fair six-sided die is rolled. Find the probability of getting 4.

$\frac{1}{6}$

The probability of rain tomorrow is $\frac{7}{12}$. Find the probability that it does not rain.

$\frac{5}{12}$

A bag contains 2 red balls, 2 blue balls and 4 green balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{1}{4}$

A bag contains 11 red balls and 18 blue balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{18}{29}$

A fair coin is tossed. Find the probability of getting heads.

$\frac{1}{2}$

Solutions – Probability (E)

A bag contains 12 red balls and 13 blue balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{13}{25}$

A fair six-sided die is rolled. Find the probability of getting a number greater than 4.

$\frac{1}{3}$

A bag contains 8 red balls, 2 blue balls and 7 green balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{2}{17}$

A fair coin is tossed. Find the probability of getting heads.

$\frac{1}{2}$

The probability of rain tomorrow is $\frac{2}{3}$. Find the probability that it does not rain.

$\frac{1}{3}$

A bag contains 8 red balls and 6 blue balls. One ball is chosen at random. Find the probability of choosing a red ball.

$\frac{4}{7}$

Solutions – Probability (F)

A fair coin is tossed. Find the probability of getting heads.

$\frac{1}{2}$

A fair six-sided die is rolled. Find the probability of getting 6.

$\frac{1}{6}$

A bag contains 6 red balls and 6 blue balls. One ball is chosen at random. Find the probability of choosing a red ball.

$\frac{1}{2}$

The probability of rain tomorrow is $\frac{7}{12}$. Find the probability that it does not rain.

$\frac{5}{12}$

A bag contains 8 red balls, 6 blue balls and 5 green balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{6}{19}$

A bag contains 10 red balls and 10 blue balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{1}{2}$

Solutions – Probability (G)

The probability of rain tomorrow is $\frac{3}{8}$. Find the probability that it does not rain.

$\frac{5}{8}$

A bag contains 6 red balls and 5 blue balls. One ball is chosen at random. Find the probability of choosing a red ball.

$\frac{6}{11}$

A fair six-sided die is rolled. Find the probability of getting a number less than 3.

$\frac{1}{3}$

A bag contains 8 red balls, 3 blue balls and 7 green balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{1}{6}$

A fair six-sided die is rolled. Find the probability of getting 4.

$\frac{1}{6}$

A bag contains 12 red balls and 19 blue balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{19}{31}$

Solutions – Probability (H)

A bag contains 2 red balls, 4 blue balls and 2 green balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{1}{2}$

A fair six-sided die is rolled. Find the probability of getting 3.

$\frac{1}{6}$

A fair coin is tossed. Find the probability of getting heads.

$\frac{1}{2}$

The probability of rain tomorrow is $\frac{4}{11}$. Find the probability that it does not rain.

$\frac{7}{11}$

A bag contains 6 red balls and 9 blue balls. One ball is chosen at random. Find the probability of choosing a red ball.

$\frac{2}{5}$

A bag contains 19 red balls and 12 blue balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{12}{31}$

Solutions – Probability (I)

The probability of rain tomorrow is $\frac{2}{11}$. Find the probability that it does not rain.

$\frac{9}{11}$

A fair six-sided die is rolled. Find the probability of getting a number greater than 4.

$\frac{1}{3}$

A fair six-sided die is rolled. Find the probability of getting 4.

$\frac{1}{6}$

A bag contains 10 red balls and 10 blue balls. One ball is chosen at random. Find the probability of choosing a red ball.

$\frac{1}{2}$

A bag contains 5 red balls, 2 blue balls and 5 green balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{1}{6}$

A bag contains 19 red balls and 12 blue balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{12}{31}$

Solutions – Probability (J)

The probability of rain tomorrow is $\frac{5}{9}$. Find the probability that it does not rain.

$\frac{4}{9}$

A fair six-sided die is rolled. Find the probability of getting an odd number.

$\frac{1}{2}$

A bag contains 18 red balls and 20 blue balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{10}{19}$

A fair six-sided die is rolled. Find the probability of getting 5.

$\frac{1}{6}$

A bag contains 10 red balls and 4 blue balls. One ball is chosen at random. Find the probability of choosing a red ball.

$\frac{5}{7}$

A bag contains 8 red balls, 4 blue balls and 2 green balls. One ball is chosen at random. Find the probability of choosing a blue ball.

$\frac{2}{7}$