Probability Problems

Solve.

1) A number is chosen at random from 1 to 13. Find the probability of selecting a 6 or smaller.

2) A number is chosen at random from 1 to 26. Find the probability of selecting a 6 or smaller.

3) A number is chosen at random from 1 to 15. Find the probability of selecting a 2 or smaller.

4) Bag A contains 22 red marbles and 6 green marbles. Bag B contains 5 black marbles and 9 orange marbles. What is the probability of selecting a green marble at random from bag A? What is the probability of selecting a black marble at random from Bag B?

5) A number is chosen at random from 1 to 44. Find the probability of selecting prime numbers.

6) Bag A contains 8 red marbles and 9 green marbles. Bag B contains 9 black marbles and 1 orange marbles. What is the probability of selecting a green marble at random from bag A? What is the probability of selecting a black marble at random from Bag B?

7) A number is chosen at random from 1 to 38. Find the probability of selecting prime numbers.

8) A number is chosen at random from 1 to 20. Find the probability of selecting prime numbers.

9) A number is chosen at random from 1 to 34. Find the probability of selecting prime numbers.

10) A number is chosen at random from 1 to 30. Find the probability of selecting prime numbers.

Answers of Probability Problems

Solve.

1) A number is chosen at random from 1 to 13. Find the probability of selecting a 6 or smaller. $\frac{6}{13}$

2) A number is chosen at random from 1 to 26. Find the probability of selecting a 6 or smaller. $\frac{3}{13}$

3) A number is chosen at random from 1 to 15. Find the probability of selecting a 2 or smaller. $\frac{2}{15}$

4) Bag A contains 22 red marbles and 6 green marbles. Bag B contains 5 black marbles and 9 orange marbles. What is the probability of selecting a green marble at random from bag A? What is the probability of selecting a black marble at random from Bag B? $\frac{3}{14}, \frac{5}{14}$

5) A number is chosen at random from 1 to 44. Find the probability of selecting prime numbers. $\frac{7}{22}$

6) Bag A contains 8 red marbles and 9 green marbles. Bag B contains 9 black marbles and 1 orange marbles. What is the probability of selecting a green marble at random from bag A? What is the probability of selecting a black marble at random from Bag B? $\frac{9}{17}, \frac{9}{10}$

7) A number is chosen at random from 1 to 38. Find the probability of selecting prime numbers. $\frac{6}{19}$

8) A number is chosen at random from 1 to 20. Find the probability of selecting prime numbers. $\frac{2}{5}$

9) A number is chosen at random from 1 to 34. Find the probability of selecting prime numbers. $\frac{11}{34}$

10) A number is chosen at random from 1 to 30. Find the probability of selecting prime numbers. $\frac{1}{3}$