

# St. Andrews Scots Sr. Sec. School

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Session: 2024 - 2025

## Worksheet

<b>Class: VII</b>	<b>Subject: Mathematics</b>	<b>Topic:Probability</b>	<b>Worksheet-23</b>
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Q1;The probability of an event whose likelihood of occurrence and nonoccurrence is same is

- a) 0            b)  $\frac{1}{4}$             c)  $\frac{1}{2}$             d) 1

Q2; A bag contains 10 marbles of which 8 are red. One marble is drawn at random. The probability that it is not red is

- a)  $\frac{8}{10}$             b)  $\frac{6}{10}$             c)  $\frac{4}{10}$             d)  $\frac{2}{10}$

Q3; If a letter is taken out from a bag containing letters of the word “SNAKE”, the probability of picking A is

- a)  $\frac{1}{5}$             b)  $\frac{2}{5}$             c)  $\frac{1}{2}$             d) 1

Q4;The probability that it will rain tomorrow is 80%. The probability that it will not rain tomorrow is

- a)  $\frac{1}{5}$             b)  $\frac{2}{5}$             c)  $\frac{3}{5}$             d)  $\frac{4}{5}$

Q5;Two dice are thrown simultaneously. The number of outcomes having exactly one even number is

- a) 18            b) 27            c) 9            d) 12

Q6;What is the probability of getting a head when a fair coin is tossed

- a)  $\frac{1}{2}$             b)  $\frac{1}{4}$             c)  $\frac{1}{3}$             d) 1

Q7; A die is rolled once. What is the probability of getting an even number

a)  $1/6$

b)  $1/3$

c)  $1/2$

d)  $2/3$

Q8; In a deck of 52 cards, what is the probability of drawing a red card

a)  $1/4$

b)  $1/2$

c)  $1/13$

d)  $1/26$

Q9; A bag contains 5 blue, 3 yellow, and 2 green balls. What is the probability of drawing a yellow ball

a)  $1/5$

b)  $3/10$

c)  $1/3$

d)  $2/10$

Q10; If a slip of paper is drawn from a jar containing 12 slips with different months of the year written on it, then probability of the month starting with letter 'J' is

a)  $1/12$

b)  $2/12$

c)  $3/12$

d)  $4/12$

