



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT :ArithmeticWork sheet2 answer key

Marks:15Probability

Date:9.11.20

Answer all the following questions(1×15=15)

1.If a die is rolled once, probability of getting a 1 or a 2 is

- A)1/3**
- B)1/4
- C)1/5
- D)-1

2.Tossing an odd number on a cube labelled 2,4,6,8,10 is

- A) likely
- B) unlikely
- C) certain
- D) impossible**

3.If the probability is high, you are more ____to have a favourable outcome

- A) Certain
- B) Unlikely
- C) Likely**
- D) None of these

4.Taking out a red marble from a bag of 1 red marbles, 4 green marbles and 7 blue marbles is

- A) impossible

B) certain

C)likely

D)unlikely

5. In a game of chance, the probability of not winning is $\frac{2}{3}$. What is the probability of winning?

A) $\frac{4}{3}$

B) $\frac{3}{2}$

C) $\frac{1}{2}$

D) $\frac{1}{3}$

6.It is ____ to roll a 10 on a cube that has numbers from 1 to 6

A) impossible

B) certain

C)likely

D) none of these

7.Probability compares the number of favourable outcomes to the number of _____ outcomes

A) unfavourable

B) possible

C) impossible

D) none of these

8.A bag contains 3 red marbles and 7 blue marbles. The probability of selecting a red marble is ____

A) 3/10

B) 4/11

C) 1/12

D) 6/7

9. The probability of drawing a black card from a standard pack of well-shuffled cards is _____

A) 1/2

B) 4/3

C) 1/52

D) 1/4

10. The probability of drawing a king from a standard pack of well-shuffled cards is _____

A) 1/52

B) 2/13

C) 1/13

D) 1/26

11. The probability of being chosen for a team is 8%. This event can be described as _____

A) Unlikely

B) likely

C) certain

D) impossible

12. It will be a Wednesday in one of the next 7 days. The event is

A) certain

B) impossible

C) likely

D) none of these

13. If a die is rolled once, probability of getting a number greater than 4 is

A) $1/2$

B) $1/3$

C) $4/3$

D) $1/5$

14. The probability of drawing a red king from a standard pack of well-shuffled cards is _____

A) $1/26$

B) $2/13$

C) $1/52$

D) $3/26$

15. Probability of drawing a joker from a deck of cards is

A) $1/13$

B) $3/13$

C) $1/52$

D) $3/52$

