# ST. LAWRENCE HIGH SCHOOL

**A JESUIT CHRISTIAN MINORITY INSTITUTION**

**CLASS 8**

SUBJECT :Arithmetic      **Work sheet 3 answer key**

Marks:15      **Probability**

**Date:14.11.20**

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

1.If a die is rolled once, probability of getting a 2 or a 3 or a 4 is

A)1/3
B)1/4
C)1/5
**D)1/2**

2.Tossing an even prime number on a cube labelled 2,3,5,7,9,10 is

**A) unlikely**
B) even chance
C) certain
D) impossible

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

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

4.Out of 17 boys and 13 girls of a class, one student is to be selected. The probability of selecting a girl is

A) 17/30

**B)13/30**

C)15/30

D)13/17

5.  In a game of chance, the probability of winning is 2/3 . What is the probability of not winning?


A) 4/3

B) 3/2

C) 1/2

**D) 1/3**

6.  It is _____ to roll an odd number on a cube that has numbers from 1 to 6


A) impossible

B) certain

**C)an even chance**

D) none of these

7. From a standard pack of 52 playing cards, a card is selected at random. The probability that it is a black king is _____


**A) 1/26**

B) 1/13

C) 1/52

D) 4/13

8. Probability that you randomly choose a marble that is not red from a bag of 3 black, 8 yellow,2 red, and 5 white marbles is ____

**A) 8/9**

B) 4/11

C) 1/12

D) 6/7

9. The probability of drawing a red 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 joker 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 78%.This event can be described as_____

A) Unlikely

**B) likely**

C) certain

D) impossible

12. A die is rolled once. What is the probability to get an odd prime number

**A) 1/3**

B) 1/5

C) 1/6

D) none of these

13. If a die is rolled once, probability of not getting a number greater than 2 is

A) 1/2

**B) 1/3**

C) 4/3

D) 1/5

14. The probability of drawing a red ace 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 queen from a deck of cards is

**A) 1/13**

B) 3/13

C)1/52

D)3/52

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