

INTERNATIONAL INDIAN SCHOOL
BURAI DAH

Worksheet For The Academic Year 2023-24

CLASS: VIII SUBJECT: Mathematics DATE: 11/06/2023
LESSON-5 Data Handling

- 1) Collection of information is called _____.
- 2) Arranged data is called _____ data.
- 3) Class-intervals are used in _____ distribution table.
- 4) Pie-chart represents part of a _____.
- 5) In a Pie-chart each part is called a _____.
- 6) Draw a pie-chart for the following data:

Activity	Sleep	Play	School	HW	others
Time	8hrs	3hrs	6hrs	4hrs	3hrs

- 7) The following data relates to the cost of construction of a house in Delhi.
Draw a Pie-chart for the data.

Items	Cement	Steel	Bricks	Tiles	Labour	Others
Expense	30%	10%	10%	15%	25%	10%

- 8) In one day the sales of different items of a bakery is given. Draw a Pie-chart for the data.

Items	Ordinary	Fruit Bread	Cakes	Biscuits	Others
Sales	260	40	100	60	20

- 9) The following table shows how a student spent his pocket money in a month.
Represent it as a Pie-chart.

Items	Food	Entertainment	Other expense	Savings
Expense	40%	25%	20%	15%

- 10) Represent the following as a Pie-diagram.

Items	Wheat	Rice	Tea
Production(tons)	3260	1840	900

- 11) When a die is thrown , find the probability of getting:
 a) an even number b) a number less than 5 c) multiple of 3
 d) an odd number e) number 3 or 4 f) a number greater than 3
- 12) From a pack of 52 cards , find the probability of getting :
 a) an ace b) a heart c) a King
- 13) A bag contains 5 red balls , 2 blue balls . find the probability of getting a red ball.
- 14) 17 cards numbered from 1 to 17 is put in a box and shuffled. If one ball is drawn at random , find the probability that the card pulled is:
 a) odd b) a prime number c) divisible by 3
- 15) A bag contains 5 red marbles, 8 white marbles, 4 green marbles and 7 black marbles. If one marble is drawn at random , find the probability that it is
 a) red b) black c) not green
- 16) What is the probability that a number selected from the numbers 1,2,3,4,.....,15 is a multiple of 4?

ANSWERS

11) a) $\frac{1}{2}$	11) f) $\frac{1}{2}$	14) a) $\frac{9}{17}$	15) c) $\frac{5}{6}$
b) $\frac{2}{3}$	12) a) $\frac{1}{13}$	b) $\frac{7}{17}$	16) $\frac{1}{5}$
c) $\frac{1}{3}$	b) $\frac{1}{4}$	c) $\frac{5}{17}$	
d) $\frac{1}{2}$	c) $\frac{1}{13}$	15) a) $\frac{5}{24}$	
e) $\frac{1}{3}$	13) $\frac{5}{7}$	b) $\frac{7}{24}$	