

**INTERNATIONAL INDIAN SCHOOL**  
**BURAI DAH**

Worksheet For The Academic Year 2024-25

**CLASS: VIII    SUBJECT: Mathematics    DATE: 30/05/2024**

**LESSON-5    Data Handling**

- 1) Data represented in the form of a circle is called \_\_\_\_\_.
- 2) A company manufactures four different coloured bottles- blue, red, yellow and green. The no.of units produced in the above mentioned colours are respectively 400 , 250 , 350 and 200 . Represent the data as a Pie-chart.
- 3) In a hotel there are four varieties of rooms. Basic rooms – 40 , Superior rooms – 30 , Deluxe rooms – 20 and Family rooms – 10. Draw a Pie-chart for the data.
- 4) The no.of vehicles manufactured by a company is given below. Represent the data as a Pie-chart.

Vehicles	Bikes	Scooter	Cars	Bus	Bicycles
No.of vehicles	110	130	100	80	180

- 5) In a garden there were plants and trees. There were 70 rose plants , 80 sunflower plants , 40 gulmohar trees , 60 dahlia plants and 50 asoka trees. Draw a Pie-chart to represent the data.
- 6) Find the probability of getting a 4 by rolling a dice.
- 7) A box contains 16 yellow balls , 10 green balls and 12 white balls. Find the probability of getting a) a yellow ball b) a ball which is not green.
- 8) Find the probability of getting an even number from the numbers 1 to 25.
- 9) A card is drawn from a deck of 52 cards. What is the probability of getting a) a heart b) an Ace of club.
- 10) Find the probability of obtaining a prime number from the numbers 1 to 25.
- 11) Probability lies between \_\_\_\_\_ and \_\_\_\_\_.
- 12) The colour preferences of 72 students of a class is given below. Find the no.of students who prefer each colour. The colours given are B – blue, G – green , R – red , Y – yellow and W – white.

Colours	Angle measure
Blue	90°
Red	40°
Green	80°
Yellow	30°
White	120°

## ANSWERS

6)  $\frac{1}{6}$       7) a)  $\frac{8}{19}$     b)  $\frac{14}{19}$               8)  $\frac{12}{25}$               9) a)  $\frac{1}{4}$     b)  $\frac{1}{52}$

10)  $\frac{9}{25}$       11) 0 and 1

12) Blue – 18 students , Red – 8 students , Green – 16 students ,  
Yellow – 6 students and White – 24 students.