INDIAN SCHOOL NIZWA - WORKSHEET

Chapter 5 Data Handling

Name: **Class :VIII Sec:**

Multiple choice questions

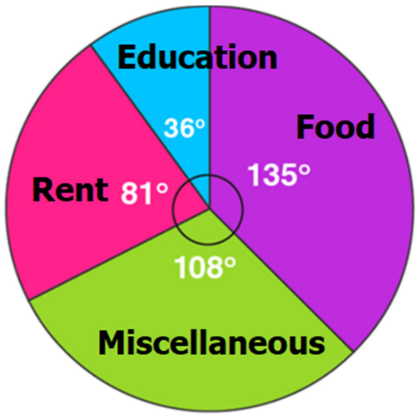
1. From 1 to 50 find the probability of getting a multiple of 7.

2. A card is drawn from a pack of 52 cards. What is the probability of getting a non-face card?

3. Two fair coins are simultaneously tossed, find the probability of showing a head first and tail next.

4. In a simultaneous throw of a pair of dice, find the probability of getting a doublet of odd numbers

5. The following pie chart shows the monthly expenditure of Sarthak on various items.



If he spends ₹16000 per month to meet his expenses, answer the following questions

i)How much does he spend on rent?

ii) How much does he spend on education?

iii) What is the ratio of expenses on food and rent?

6. The following table shows the expenditure incurred by a publisher in publishing a book:

Items	Papers	Printing	Binding	Advertising	Miscellaneous
Expenditure (in %)	35%	20%	10%	5%	30%

Present the above data in the form of a pie chart.

7. 17 cards numbered 1,2,3,4,5,.....,17 are put in a box and mixed thoroughly. One person draws a card from the box. Find the probability that the number on the card is :

a) odd

b) a prime

c) divisible by 3

d) divisible by 3 and 2 both

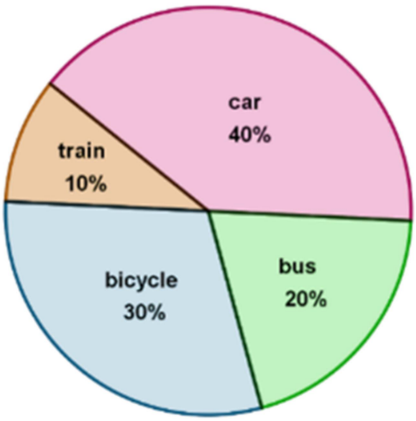
8. Two coins are tossed simultaneously. Find the probability of getting: a) 2 heads b) one head c) at least one head d) at most one head.

9. The number of students in a hostel speaking different languages is given below. Prepare a pie chart for the given data.

Language	Hindi	English	Marathi	Tamil	Bengali	**Total**
No. of students	40	12	9	7	4	**72**

10. **Case study based question:**

The following pie graph shows percentages of types of transport most often used by a sample of 200 people.



Answer the following questions based on the above information:

i) How many people use bus most often?

ii) How many people don't use train most often?

iii) How many people use bicycle or car most often?

iv) Find the central angles of all the sectors in the given pie graph.