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WORK SHEET
SUBJECT- MATHS
Chapter 8: Decimals & Chapter-9: Data Handling

CLASS- VI **Date-**

1. The weights of new born babies (in kg) in a hospital on a particular day are as follows:
2.3, 2.2, 2.1, 2.7, 2.6, 3.0, 2.5, 2.9, 2.8, 3.1, 2.5, 2.8, 2.7, 2.9, 2.4
(i) Rearrange the weights in descending order.
(ii) Determine the highest weight.
(iii) Determine the lowest weight.
(iv) Determine the range.
(v) How many babies were born on that day?
(vi) How many babies weigh below 2.5 kg?
(vii) How many babies weigh more than 2.8?
(viii) How many babies weigh 2.8 kg?

2. Following figures relate the weekly wages (in Rs.) of 15 workers in a factory:
300, 250, 200, 250, 200, 150, 350, 200, 250, 200, 150, 300, 150, 200, 250.
Prepare a frequency table.
(i) What is the range in wages (in Rs.)?
(ii) How many workers are getting Rs. 350?
(iii) How many workers are getting the minimum wages?

3. Construct a frequency distribution table for the following marks obtained by 25 students in a history test in class VI of a school:
9, 17, 12, 20, 9, 18, 25, 17, 19, 9, 12, 9, 12, 18, 17, 19, 20, 25, 9, 12, 17, 19, 19, 20, 9
(i) What is the range of marks?
(ii) What is the highest mark?
(iii) Which mark is occurring more frequently?

4. In a Mathematics test following marks were obtained by 40 students of class VI. Arrange these marks in a table using tally marks.
8, 1, 3, 7, 6, 5, 5, 4, 4, 2, 4, 9, 5,

5. Following is the pictograph of the number of Clocks as manufactured by a factory, in a particular week.

Day	Number of Clocks	 = 50 Clocks
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		

(i) On which day were least number of clocks manufactured?
(ii) On which day were maximum number of clocks manufactured?
(iii) Find out the appropriate number of clocks manufactured in this particular week?

6. The colours of Fridges preferred by people living in a locality are given by the following pictograph:

Colour	Number of People	= 10 people
Blue		
Green		
Red		
White		

(i) Find the number of people preferring blue colour.
(ii) How many liked red colour?
(iii) What is the ratio of the number of people preferreing white colour to the number of people preferring blue colour?

7. Following pictograph shows the number of tractors in 5 villages:

Village	Number of tractors	= 1 tractor
A		
B		
C		
D		
E		

Interpret the pictograph and answer the following questions:
(i) Which village has the minimum number of tractors?
(ii) Which village has the maximum number of tractors?
(iii) How many more tractors village C has as compared to village B?
(iv) What is the total number of tractors in all the five villages?

8. Total number of animals in five villages are as follows:

Village	Number of animals
A	80
B	120
C	90
D	40
E	60

Prepare a pictograph of these animals using one symbol to represent 10 animals.

9. The following are the details or the number of students in a class of 30 students present during a week.

Day	Number of students present
Monday	24
Tuesday	20
Wednesday	28
Thursday	30
Friday	26
Saturday	22

Represent the above data by a pictograph.

10. Total number of students of a school in different years is shown in the following table:

Year	Number of students
1996	400
1998	550
2000	450
2002	600
2004	650

(a) Represent the above data by a pictograph.
Prepare a pictograph of students using one symbol an icon of a student to represent 100 students and answer the following questions:

(i) How many symbols represent total number of students for the year 2002?
(ii) How many symbols represent total number of students for the year 1998?

(b) Prepare another pictograph of students using any other symbol each representing 50 students. Which pictograph do you find more informative?

11. The following table shows the daily production of T. V. sets in an industry for 7 days of a week:

Day	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
Number of T.V. sets	300	400	150	250	100	350	200

Represent the above information by a pictograph.

12. The following table shows the number of Maruti cars sold by five dealers in a particular month:

Dealer	Saya	Bagga Links	D. D. Motors	Bhasin Motor	Competent Motors
Cars sold	60	40	20	15	10

Represent the above information by a pictograph.

13. The population of Delhi state in different census years is as given below:

Census Year	1961	1971	1981	1991	2001
Population in lakhs	30	55	70	110	150

Represent the above information with the help of a bar graph.

14. In a school, there are five sections of class VI. The number of students in each section is given below. Construct a bar graph representing this data:

Section	A	B	C	D	E
Number of students	40	48	52	45	30

15. The results of pass percentage of Class X and XII in C.B.S.E. examination for 5 years are given in the following table:

Year	1994 – 95	1995 – 96	1996 – 97	1997 – 98	1998 – 99
X	90	95	90	80	98
XII	95	80	85	90	95

Draw bar graphs to represent the data.

CHAPTER- 8 (DECIMALS)

Q.1 Write as decimals:
i) Three ones and 2-tenths ii) Sixty and 3-tenths iii) Nineteen and 9-tenths
iv) One hundred six and 5-tenths

Q.2. Write each of the following as decimals:
i) $\frac{6}{10}$ ii) 300+50+3+ $\frac{1}{10}$ + $\frac{3}{10}$ iii) $6\frac{2}{5}$

Q.3. Express as fraction:
i) 61.2 ii) 6.4 iii) 0.05 iv) 2.4 v) 2.56

Q.4. Express the following as kilometers (km) using decimals:
i) 2m ii)16m iii)530m iv)915m v)830m

Q.5.Express as Rupees using decimals:
i) 120paise ii)450paise iii)7paise iv) 500paise v) 6 rupees 70 paise

Q.6. Express as kilogram (kg) using decimals:
i) 5g ii) 305g iii) 6325g iv)2 kg 65g v) 7 kg 750g

Q.7. Find the sum of:
i) 25.43, 6.735 and 39 ii) 0.3, 6.2 and 8.932 iii)4.003, 2.65 and 7.1

Q.8. Find the value of:
i) 8.735-6.27 ii) 99.009- 19.9 iii) 1000-27.35

Q.9. Simplify:
i)3.2 X 2.65 X 1.05 ii) 639.5 X 0.05 iii)888.88X 80.08

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