

INTERNATIONAL INDIAN SCHOOL
BURAIDAH

Worksheet For The Academic Year 2023-24

CLASS: VIII SUBJECT: Mathematics DATE: 11/06/2023
LESSON-15 Introduction to Graphs

- 1) A graph which is used to represent data that changes continuously with time is called a _____ graph.
- 2) A line graph consists of _____ lines in it.
- 3) A _____ graph can be used for comparison of data.
- 4) The table shows the daily temperature of a city recorded for 4 consecutive days. Represent it as a line graph.

Days	Mon	Tue	Wed	Thu
Temp.	30°C	40°C	35° C	45°C

- 5) The table below shows the no.of children aged from 13 to 19 in a town who like cricket. Represent the data as a line graph.

Age(yrs)	13	14	15	16	17	18	19
No.of children	150	200	325	225	450	275	350

- 6) The table shows the production of TV by two companies A and B from 2001 to 2007. Represent it as a line graph.

Year	2001	2002	2003	2004	2005	2006	2007
No.of TV by A	1500	3500	2750	2250	4000	3000	3500
No.of TV by B	2000	3000	4000	4000	5000	6000	5000

7) The temperature of a patient at different times of the day is given below. Draw the time-temp. graph.

Time	7am	10am	1pm	4pm	7pm	10pm
Temp.	102°F	100°F	103°F	99°F	100°F	98°F

8) The marks scored by Sachin and Rahul in 8 different tests are as follows. Draw a line graph and answer the question asked.

Test	1	2	3	4	5	6	7	8
Sachin's score	80	40	50	0	100	60	90	20
Rahul's score	40	70	20	70	10	100	50	100

In which test was the difference between their marks maximum and in which one was the difference least?