

BRAIN INTERNATIONAL SCHOOL

Mathematics Assignment

Class VI

December 2024

DATA HANDLING

1. Following are the marks obtained by 72 students in Geography. Arrange these marks in a table using tally marks.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 7 | 9 | 9 | 7 | 6 | 5 | 3 | 4 | 9 | 4 | 2 |
| 7 | 2 | 5 | 8 | 6 | 8 | 2 | 2 | 6 | 6 | 6 | 5 |
| 3 | 6 | 3 | 9 | 6 | 6 | 7 | 7 | 4 | 7 | 2 | 6 |
| 9 | 8 | 8 | 9 | 5 | 8 | 3 | 8 | 8 | 2 | 9 | 8 |
| 5 | 8 | 9 | 7 | 6 | 5 | 6 | 5 | 6 | 2 | 7 | 7 |
| 9 | 3 | 4 | 2 | 7 | 2 | 6 | 5 | 6 | 2 | 3 | 9 |

- (a) _____ students obtained more than 6 marks.
- (b) _____ students obtained marks equal to or below 2.
2. The tally chart shows the items sold during the weekends. Use the information from the tally chart to answer the questions.

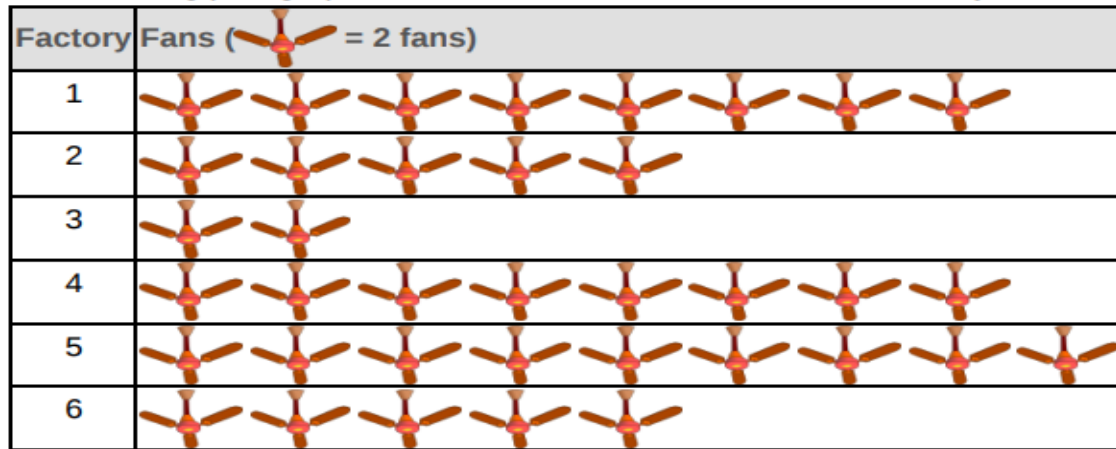
| Food Items | Tally Marks |
|------------|-------------|
| Fried rice | |
| Pizza | |
| Cake | |
| Burger | |
| Ice-cream | |

Find the following:

- (a) The sale of _____ is maximum.
- (b) _____ Fried rice were sold in all.

3. .

The following pictograph shows the number of fans manufactured by 6 factories in a day.



Find the following:

- (a) The factory which manufactures the maximum number of fans.
- (b) The factory which manufactures the minimum number of fans.
- (c) Total number of fans manufactured by all factories in a day.

4. Fill in the blanks:

- a) A _____ is a collection of numbers gathered to give some information.
- b) A _____ represents data through pictures of objects.

DIRECTION: In the question number 5, a statement of **Assertion(A)** is followed by a statement of **Reason (R)**. Choose the correct option.

- (a) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
- (b) Both Assertion and Reason are true but Reason is not a correct explanation of Assertion.
- (c) Assertion is true and Reason is false
- (d) Assertion is false and Reason is true.

5. Assertion (A) – The minimum marks obtained by any student is 100 out of 100

Reason (R) – Data is a collection of numbers gathered to give some information.