

TABLES

What are tables?

Tables refer to the different types of diagram used to display data.

There are many types of tables such as data table, frequency table, line chart and stem-and-leaf plot.

- A **data table** shows data based on different categories like year, hours spent, or age group. A data table can also be based on x and y values.



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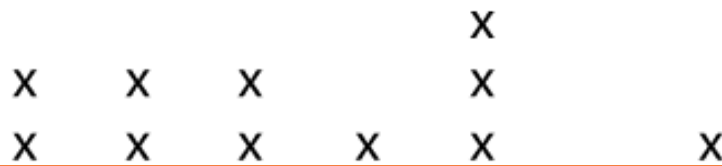
- When using different tables, it is important to know how to read the table. To read a table, the data used must be checked to make sure the table is accurate. If no data is given, look at the titles of the categories and use the information in the table to answer any questions. For example, look at the table shown:

Age group	3-4	4-5	5-6	6-7
teeth lost	0	1	1	2

What age group lost the most teeth?

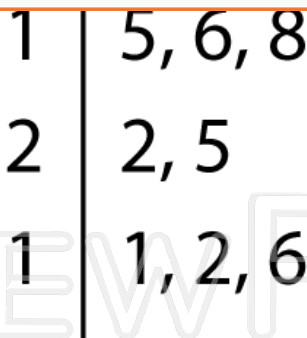
The answer would be 6-7 year olds.

- With a **frequency table**, the tally marks show how many times each item was chosen. A frequency table that records different animals would have the most tally marks by the most popular animal.
- A **line plot** shows how many times a number is used, whether the number refers to weights, ages or numbers. The following line plot shown the weights of bowling balls at a bowling alley.




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Try this!

1. Make a table to show what x would be if $y = 2x$ starting for $x = 1-5$.



2. Make a frequency table for the following data about the number of farm animals:

Cows - 15

Pigs - 7



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4. Make a stem-and-leaf plot for the data about number of hours worked at a factory:

35, 40, 42, 38, 25, 20, 33, 28, 41, 40

