This is a collection of data.

It is a display of the lunches for a class of students.



What is the total number of lunch boxes in this display? \_\_

Why is it important to know the total number in a collection of data?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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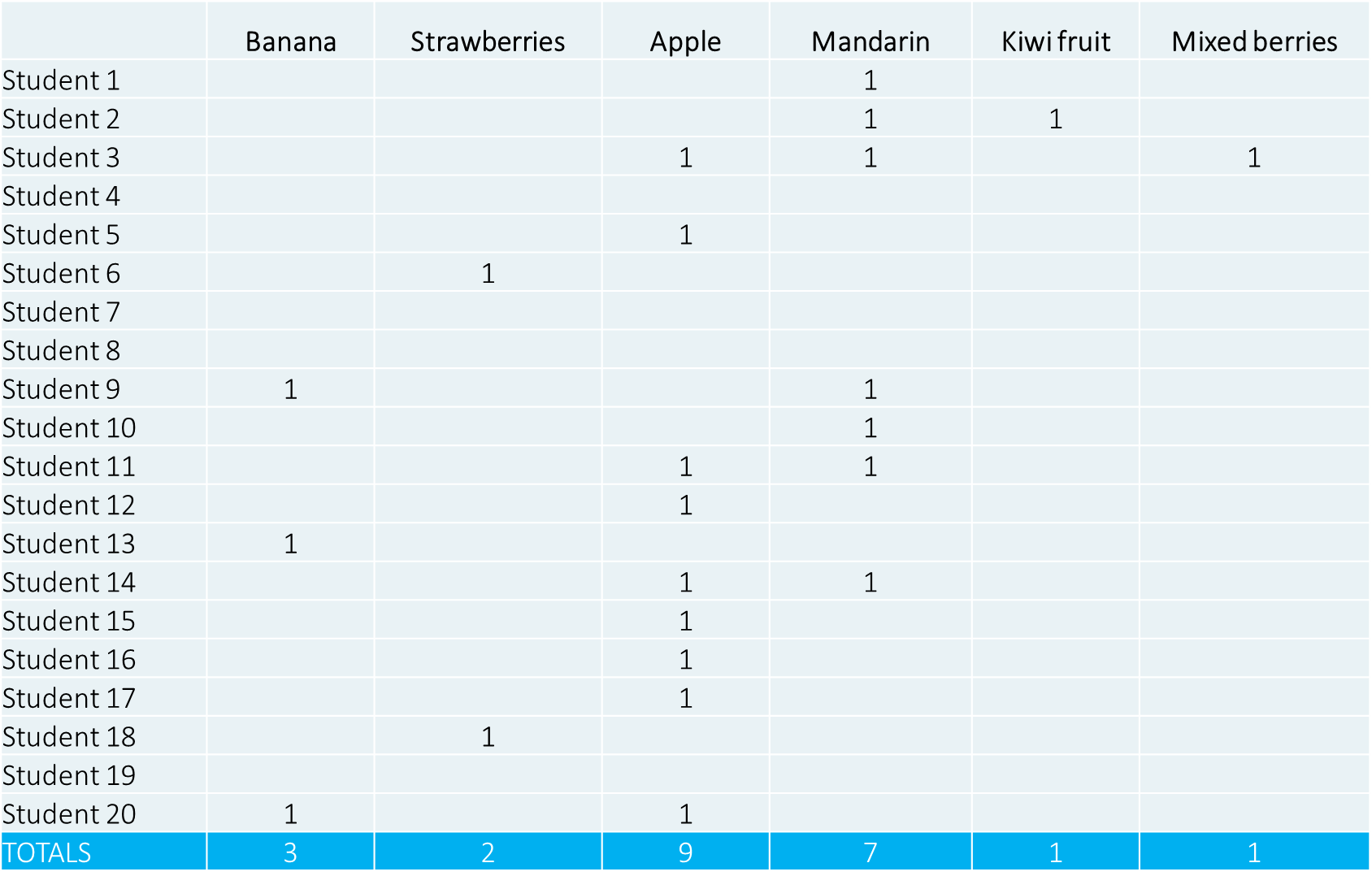
otherwise indicated.



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Here is the data represented as a table, showing only the fruit.



1. What is the most common fruit? \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How many students brought more than one type of fruit in their lunch box? \_\_\_\_\_\_\_\_\_\_­

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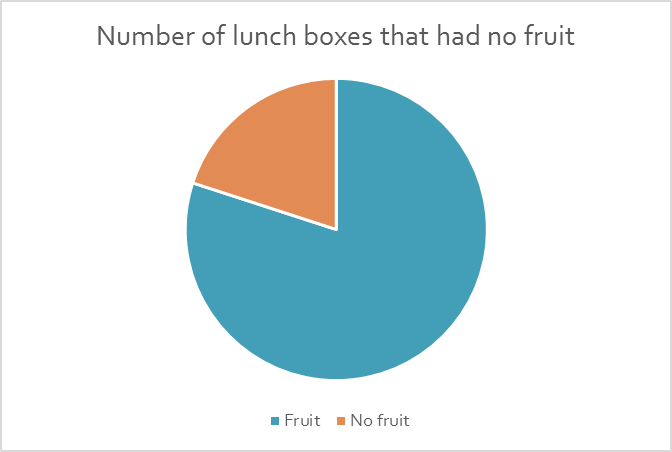


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1. How many of the students do not have fruit in their lunch box? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Circle the graph that correctly displays the number of lunch boxes with no fruit for this data?



What is the highest number of fruit in this set of data? \_\_\_ What is the lowest number of fruit in this set of data? \_\_\_

Why is this important when creating a graph? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Look at the data again. Order the fruits from least to most.

\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_

Why do we often put data in an order?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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|  |  |
| --- | --- |
| Here is the data, each fruit represented as an image.  Label the graph so it makes sense.    Why do we use graphs to display data? | Instead of images, represent the data as columns in a chart called a column graph.  If possible use computer and a spreadsheet to create your chart. |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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