Data Representation

Tally Charts

Pictograms

<table>
<thead>
<tr>
<th>Colour</th>
<th>Tally</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

How many people have grey eyes?

How many people have brown eyes?

5 people have green eyes, mark this on the diagram.

Which fruit is the mode?

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Data Representation

The pictogram shows the numbers of zips sold in a shop on Monday, on Tuesday and on Wednesday.
(a) Write down the number of zips sold on Monday. .................................................. (1)

(b) Write down the number of zips sold on Wednesday. .............................................. (1)

9 zips were sold on Thursday.
(c) Complete the pictogram. .................................................. (1)

(Total for Question is 3 marks)

The dual bar chart shows information about the numbers of hours Viv and Alfie worked on each day from Monday to Friday last week.
Viv worked more hours than Alfie on two of these days.
(a) Write down these two days. ................................. (2)

and .................................................. (2)

Alfie worked more hours, in total, than Viv from Monday to Friday last week.
(b) Work out how many more hours. ................................. hours(3)

(Total for Question is 5 marks)

Exam Questions

Helen carried out a survey to find out the fruit her friends like best. Here are her results.
apples oranges peaches bananas pineapples
bananas bananas oranges apples peaches
bananas oranges pineapples oranges bananas
peaches apples bananas apples bananas

(a) Complete the table for Helen’s results (2 marks)

<table>
<thead>
<tr>
<th>Fruit</th>
<th>Tally</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>apples</td>
<td></td>
<td></td>
</tr>
<tr>
<td>bananas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>oranges</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peaches</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pineapples</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(b) Write down the number of Helen's friends who like bananas best. (1 mark)

(c) On squared paper draw a suitable chart or diagram to show Helen’s results (3 marks)

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