Draw a dot plot to illustrate the following data –
10, 14, 10, 13, 15, 16, 17, 9, 13, 15, 14, 18, 15, 12, 11, 10

Express each of the following data as an ordered stem- and –leaf plot with a class interval of 10

a) 11, 21, 34, 25, 45, 47, 15, 22, 37, 17, 39
b) 25, 43, 33, 26, 27, 42, 56, 45, 47, 21, 52, 46, 39, 30

Explain how you would work out the following –
A) Mean
B) Range
C) Median

The table shows the colour of cars the school in a time period. Draw a column graph to represent the information.

<table>
<thead>
<tr>
<th>Colour</th>
<th>Red</th>
<th>Green</th>
<th>Black</th>
<th>White</th>
<th>Silver</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16</td>
<td>10</td>
<td>4</td>
<td>7</td>
<td>5</td>
<td>12</td>
</tr>
</tbody>
</table>

Calculate the mean, mode, median and range for the following sets of data –

A) 3, 4, 5, 2, 3, 3, 4, 6, 1, 4
B) 9, 10, 3, 2, 2, 2, 2, 7, 8, 5
C) 23, 23, 24, 27, 29, 25, 23

Probability

a) What is the probability of the spinner not landing on E?
b) Do you have an equal chance of landing on either B or E?
c) What is the probability of the spinner landing on A or B?

d) Find the probability of rolling a 3
b) Find the probability of rolling an odd number
c) Find the probability of rolling less than a 4
d) Find the probability of rolling an even number