Creating Box Plots

Using 5-number summary:
Step 1 - Draw a box above the number line from Q1 to Q3.
Step 2 - Draw a vertical line inside the box at the median.
Step 3 - Draw a horizontal line from Q1 to the minimum and from Q3 to the maximum.

Example:

<table>
<thead>
<tr>
<th>5-Number Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min = 2</td>
</tr>
<tr>
<td>Q1 = 4</td>
</tr>
<tr>
<td>Median = 8</td>
</tr>
<tr>
<td>Q3 = 14</td>
</tr>
</tbody>
</table>

Preview
Please log in to download the printable version of this worksheet.

b)

Min = 6
Q1 = 10
Median = 14
Q3 = 18
Max = 20

c)

Min = 1
Q1 = 3
Median = 8
Q3 = 11
Max = 16
Creating Box Plots

Min = 16
Q1 = 21
Median = 32
Q3 = 45
Max = 50

Min = 10
Q1 = 14
Median = 35
Q3 = 43

Min = 5
Q1 = 16
Median = 25
Q3 = 35
Max = 41

Min = 8
Q1 = 17
Median = 30
Q3 = 43
Max = 50