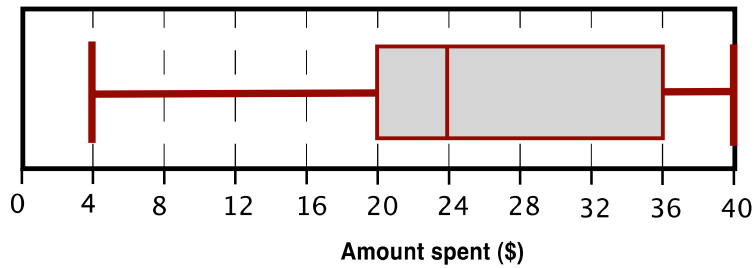


Cell Phones 2

1. The box plot shows the monthly spending of a group of 120 students on their cell phones:



What does the box plot tell you about the students' monthly spending?

.....

.....

.....

.....

The quartile that shows the biggest spread in spending is the

I know this from the box plot because

.....

For the 60 students who spent the least, the spread of data is **greater / less** (*circle*) than the spread of data for the 60 students who spent the most each month.

I know this from the box plot because

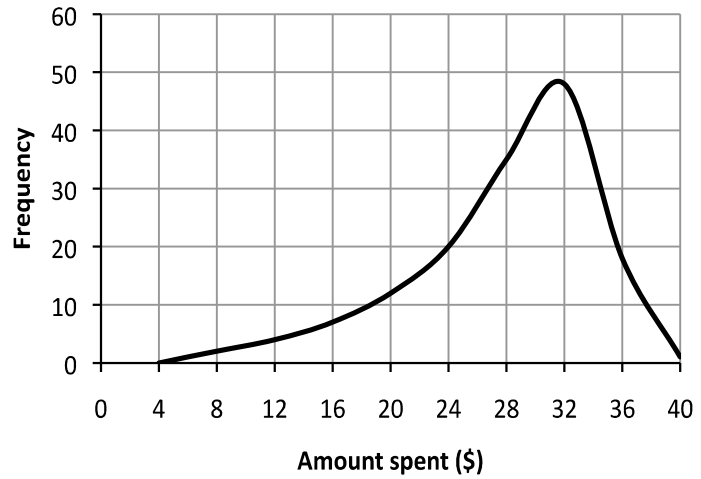
.....

..... (*add number*) students spend more than \$20.

I know this from the box plot because

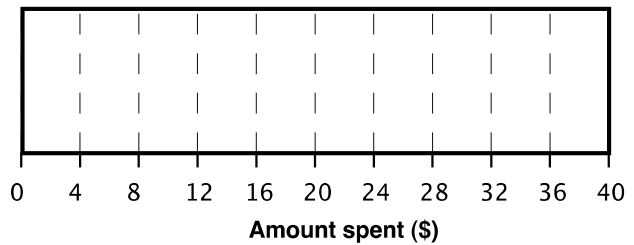
.....

2. Here is a frequency graph of the monthly spending of a group of students on their cell phones:

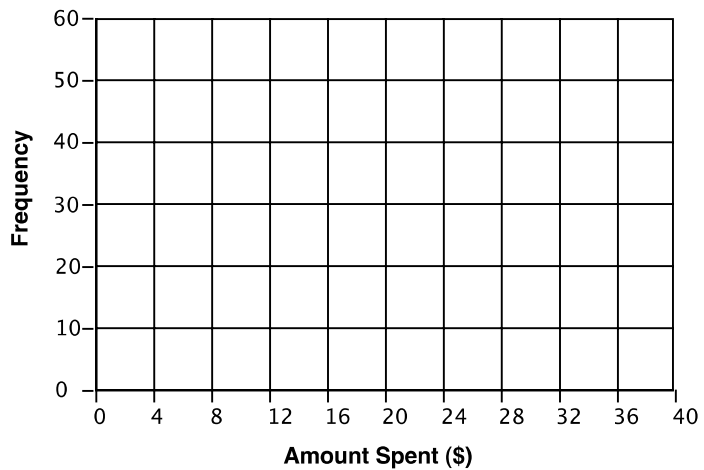


a. Draw a possible box plot for this graph.

Describe your box plot, by adding explanations to the graph or box plot.



b. Sketch another possible frequency graph for your box plot.



I have drawn the graph this shape because

.....