TV Plot

Leader

Practice using a line plot. A line plot is an easy way to organize and scan data.

You will need:

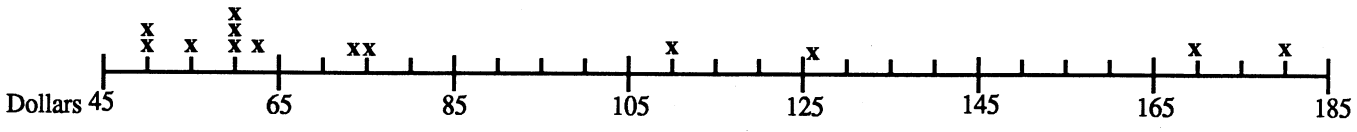
- ❑ Research summary data table from "Family TV"
- ❑ Pencil
- ❑ Ruler

Do this:

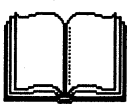
- Before plotting the data from the television use activity, let's practice making a line plot with other data.
- Sample:
  A high school basketball player in need of a new pair of sneakers did some price comparison research and found the following information which he organized into a DATA TABLE:

BRAND/STYLE	COST
Reebok Reverse Jam	$ 72.99
Reebok Thunder Jam	59.99
Reebok Pumps	180.99
LA Gear-Magic Johnson	74.99
LA Gear-Eclipse	54.99
Avia 828	49.99
Avia 878	62.99
New Balance	59.99
Nike Quantum Force	59.99
Nike Air Solo Flight	110.99
Nike Point Force	49.99
Nike Pumps	170.99
Nike Air Jordans	125.99

Here is a line plot of the data:



- The cost of sneakers *clusters* between $50 and 75$. *Outliers* data values that are much larger or smaller than the other values. Does this line plot show any outliers?



Student_____

Do this:

- Make a LINE PLOT of your data from the Data Table on the Research Summary page of "How Many Hours of TV?"
- Draw a horizontal line at least 12 centimeters long.
- Starting with 0, make a scale on the line for hours the TV was on during the two-week period.
- Place an X above the line at the total number of hours for day 1 on your data table. Continue placing the X's until you have represented the totals in hours for the 14 days.

Line Plot

1. Does your line plot have clusters?_____ Any outliers?_____

2. From looking at your line plot what have you learned about the use of TV in your family?

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WHAT I FOUND