Name: _____

Line Graphs

Line graphs show changes in data over a period of time.

Step 1: Use a chart to collect and organize data values in intervals of time, such as hours, days, or months.

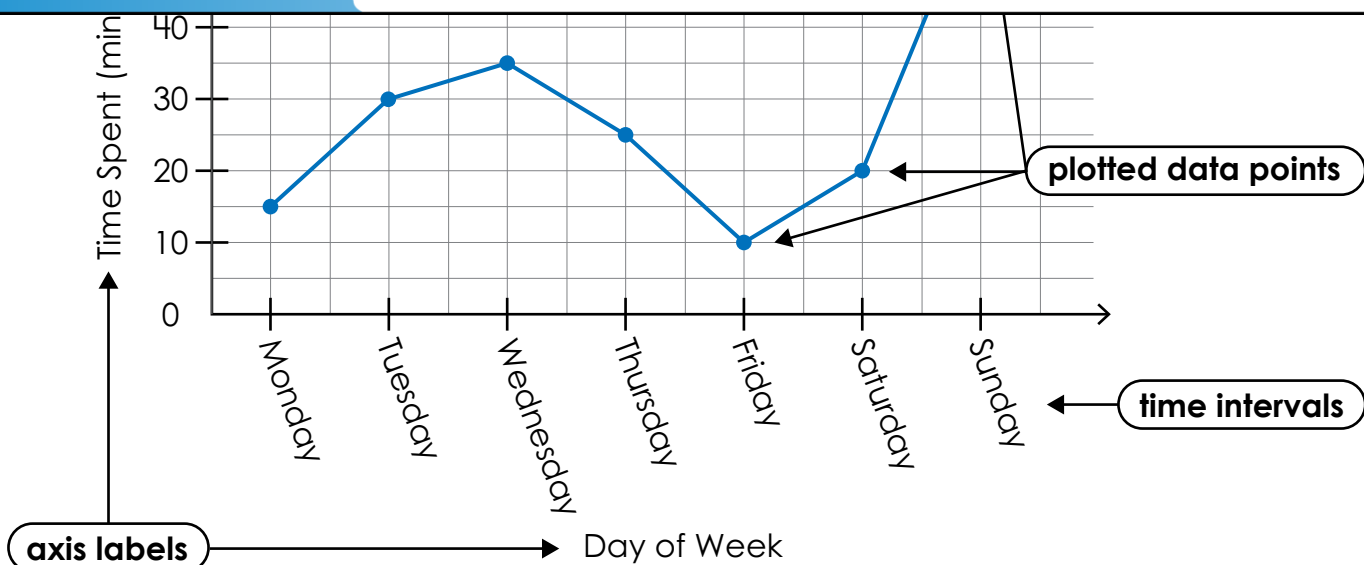| Day	Minutes Spent on Homework
Monday	15
Tuesday	30
Wednesday	35
Thursday	25
Friday	10
Saturday	20
Sunday	60

Step 2: Set up your graph. Give a title, then make and label your axes. Tell your time intervals and any units of measurement. The independent variable, time, goes on the

Time Spent (min)

40

30

20

10

0

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

plotted data points

time intervals

axis labels

Day of Week

Note: Line graphs should not be confused with line plots, also called dot plots, which use a number line to show how often values appear in a data set.