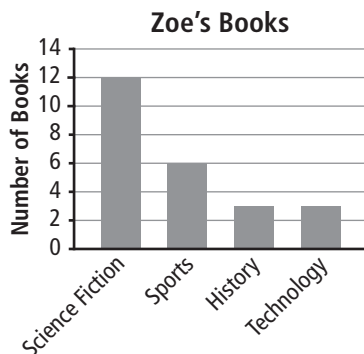
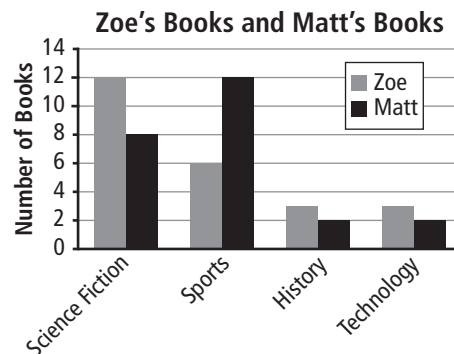


Bar Graphs and Double Bar Graphs

The **bar graph** shows that Zoe has twice as many science fiction books as books about sports.



The **double bar graph** shows that Matt has twice as many sports books as Zoe has.



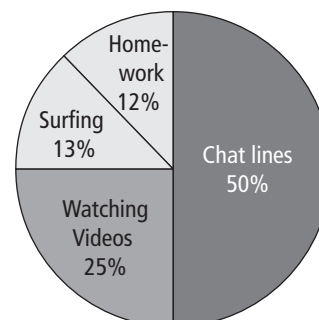
The bars in bar graphs can be vertical or horizontal. Bar graphs leave space between each data category.

- Use the bar graph about Zoe's books to answer the question: If the bars were drawn horizontally, what would change on the graph? What would stay the same? Redraw the bar graph using horizontal bars.
- Use the double bar graph to answer these questions.
 - How many more sports books does Matt have than history books?
 - Write another question you could ask about the graph. Develop an answer for your question.

Circle Graphs

The **circle graph** shows the different activities that Akira does online.

Akira's Week on Internet (20 h)



Name: _____

Date: _____

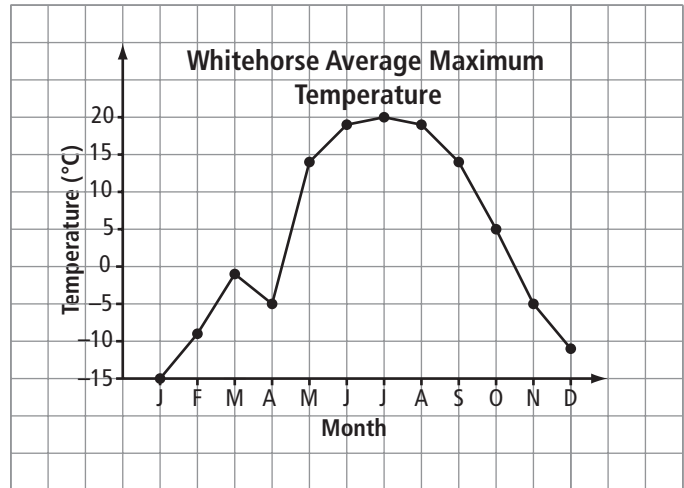
3. Use the circle graph to answer these questions.

a) What activity did Akira spend the most time on? How many hours did she spend?

b) Would this circle graph make sense if the titles or labels were missing? Explain.

Line Graphs

The **line graph** shows changes in average maximum temperature for each month in Whitehorse, Yukon Territory.



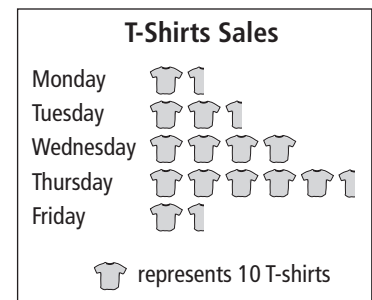
4. Use the line graph to answer these questions.

a) When did the greatest temperature change happen?

b) Do you think the trend of rising and falling temperatures will continue? Explain.

Pictographs

The **pictograph** shows that more T-shirts were sold on Thursday than on any other day that week.



5. Use the pictograph to answer these questions.

a) How many more T-shirts were sold on Thursday than on Friday?

b) Explain how you used the pictograph to answer part a).