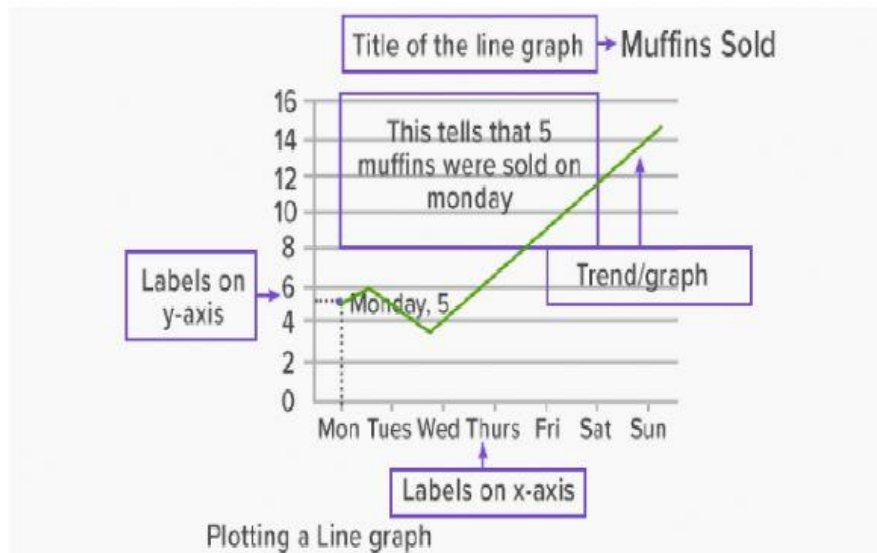


A line graph is a type of chart used to show information those changes over time. We plot line graphs using several points connected by straight lines.

The given image describes the parts of a line graph.



Select the correct definition

Title:

X-axis:

Y-axis:

Trend:

1. A line graph is **NOT** used to:

- A. track changes over a period of time
- B. compare parts of a whole
- C. understand trends in temperature over months or years
- D. observe similarities and differences between trends of rainfall change in 2 cities

2. A line graph makes the use of:

- A. Circular chart
- B. pictures
- C. bars
- D. plotted lines

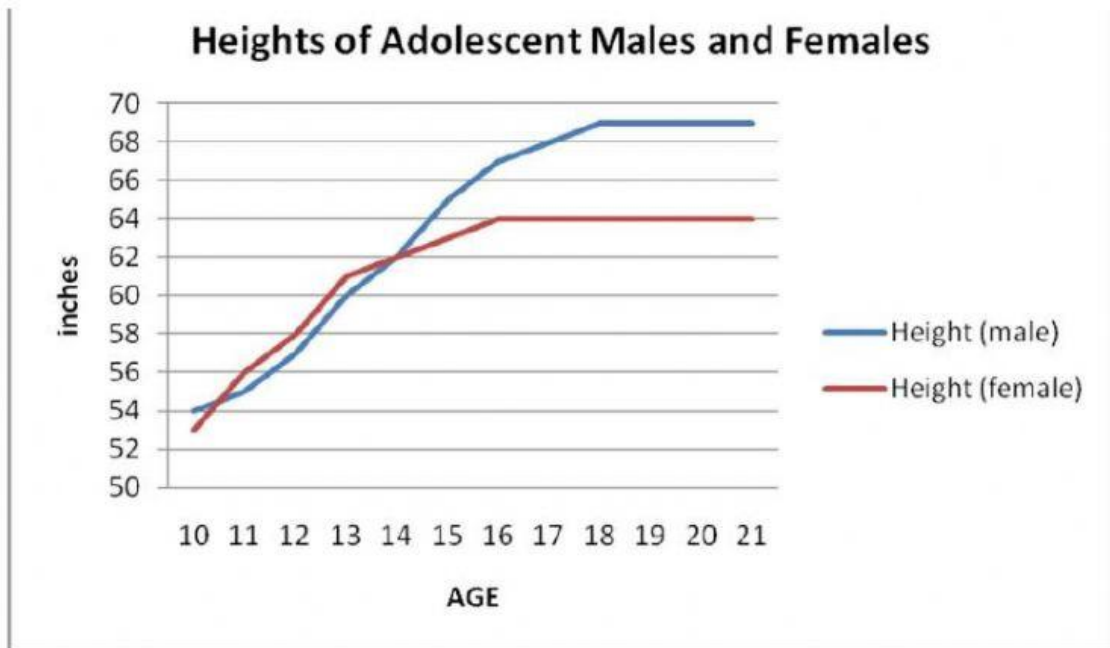
3. In a particular line graph, the x-axis represents the month number and the y-axis represents savings in a month in dollars. What does the point (4, 10) on the line graph represent?

- A. Savings of \$10 in the month of April.
- B. Savings of \$4 in the month of October.
- C. Savings of \$10 in the month of October.
- D. Savings of \$4 in the month of April.

4. If a line graph is a straight line parallel to the x-axis, then, which of these points will **NOT** lie on it?

- A. (2,3)
- B. (0,3)
- C. (3,0)
- D. (3,3)

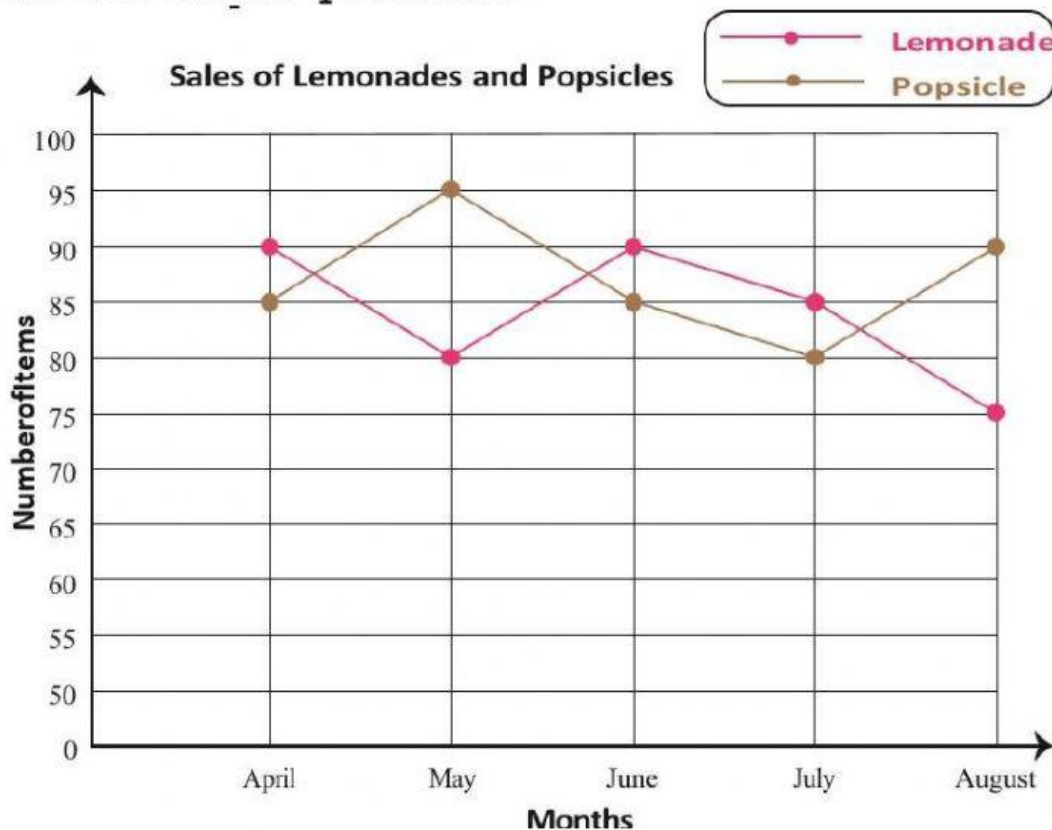
Interpret the graph and answer the following questions.



1. How tall is the average male at 13 years? _____
2. How tall is the average female at 16 years of age? _____
3. How old is the average female who is 56 inches tall? _____
4. How old is the average male who is 65 inches tall? _____
5. At what age is the average female as tall as the average male? _____
6. At what ages is the average female as tall as or taller than the average male?

7. Estimate the average height of a male at age 13.5 years. _____
8. Estimate the average height of a female at age 11.5 years. _____

Ed sells lemonades and popsicles. The graph shows the overall sales of both the items from April to August. Use the graph to answer all the questions.



- 1) How many lemonades did Ed manage to sell in May?
- 2) Which item was sold more in July?
- 3) In which month did Ed sell fewer popsicles?
- 4) How many more lemonades did Ed sell in June?
- 5) Find how many popsicles were sold altogether in July and August.