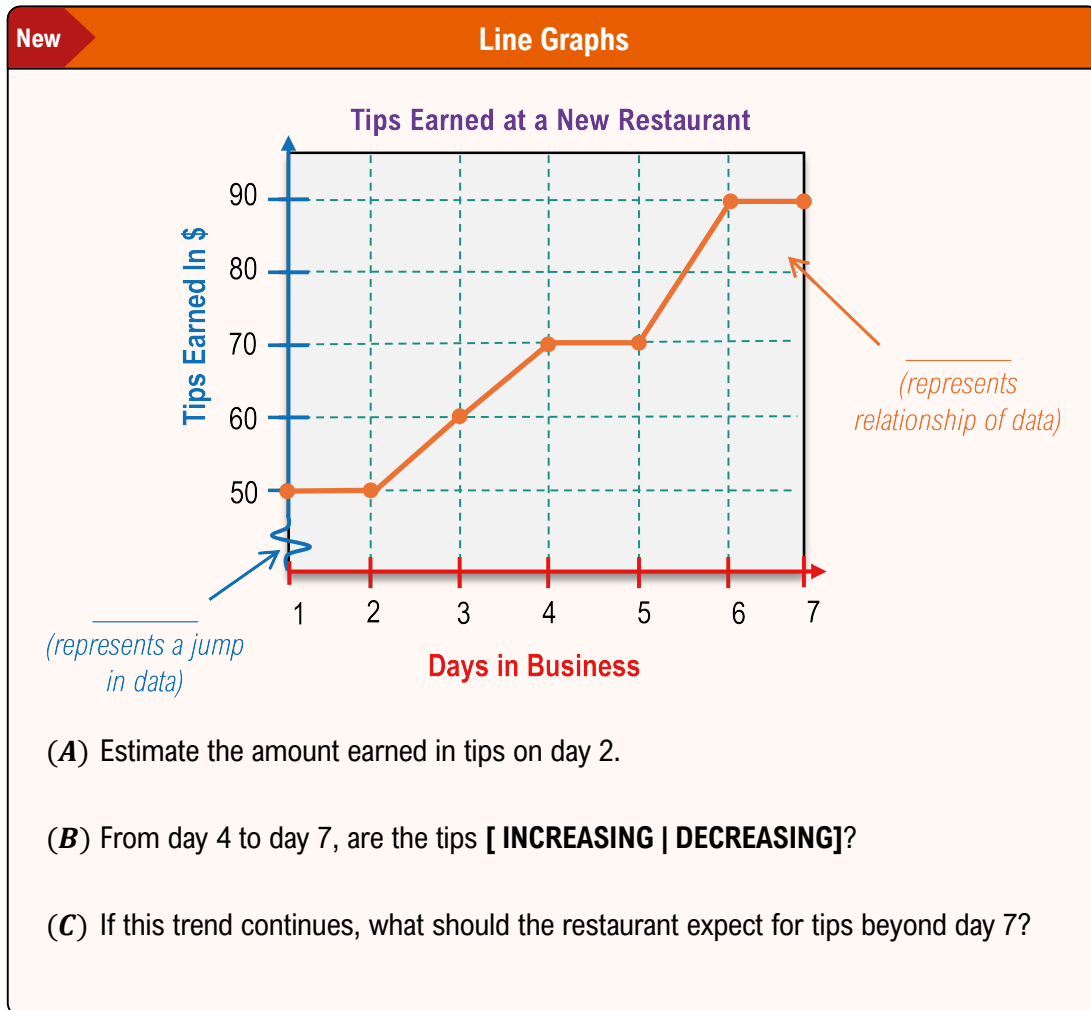


TOPIC: LINE GRAPHS

Line Graphs

◆ **Line graphs** are used to visualize a relationship between ___ variables, often showing changes over *time*.



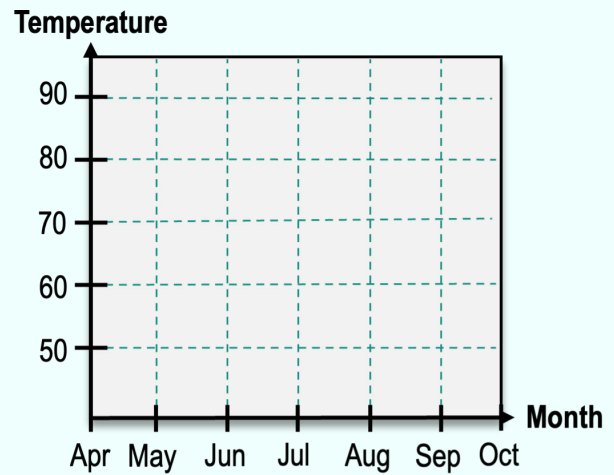
◆ Line graphs are constructed by plotting data points from a table & _____ them with line segments.

TOPIC: LINE GRAPHS

EXAMPLE

The temperature in Colorado was recorded in 7 months out of the year based on the table below. Construct a line graph from the given information and answer the following questions.

Month	Temperature (°C)
April	60
May	70
June	85
July	90
August	80
September	75
October	67



(A) Which month has the highest temperature according to your results?

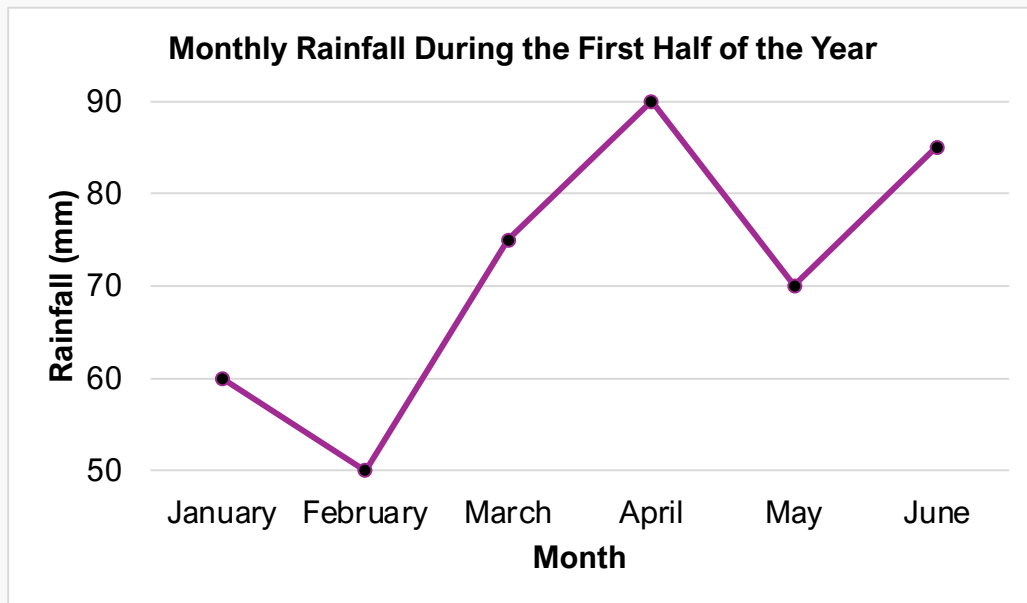
(B) Which month will be the coldest?

(C) Which month in summer has the lowest temperature?

TOPIC: LINE GRAPHS

PRACTICE

A meteorological station recorded the total rainfall for the first six months of the year, as shown in the line graph below.

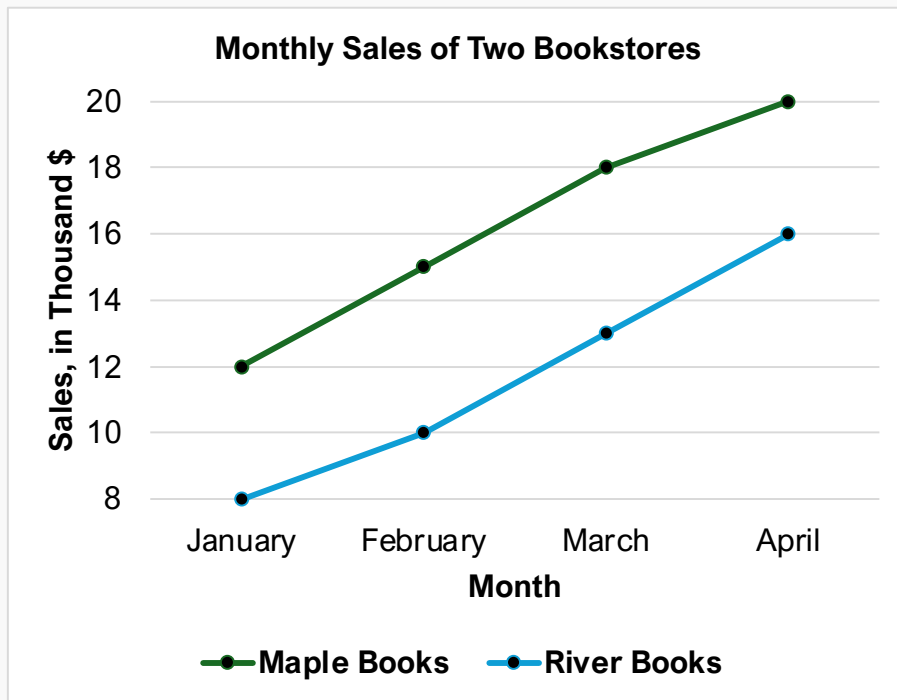


- (A) How much rainfall was recorded in March?
- (B) Estimate the total rainfall for January and February.
- (C) Approximately how many more mm of rainfall were recorded in April than February?
- (D) Approximately how many less mm of rainfall were recorded in May than June?

TOPIC: LINE GRAPHS

PRACTICE

The graph below compares the monthly sales of two bookstores during the first four months of the year. Study the comparison line graph, then answer the questions that follow.



- (A) What were the sales of River Books in February?
- (B) How much greater were Maple Books' sales than River Books' sales in April?
- (C) What was the combined sales of both bookstores in January?