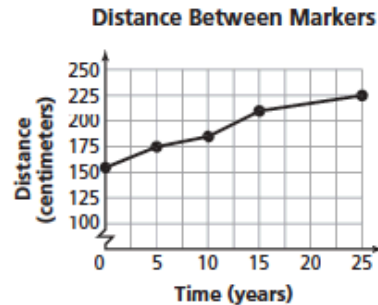


September 22, 2014

29 Scientists measured the movement of tectonic plates relative to one another over time by placing markers on either side of a fault. The graph below displays the results.



You must explain why your answer is correct.

Which data set was most likely used to create the graph?

Distance Between Markers

A

Time (years)	Distance (centimeters)
1	155
2	175
3	185
4	210
5	225

Distance Between Markers

C

Time (years)	Distance (centimeters)
1	225
2	210
3	185
4	175
5	155

Please write the page number in your book that supports your explanation.

Distance Between Markers

B

Time (years)	Distance (centimeters)
155	0
175	5
185	10
210	15
225	25

Distance Between Markers

D

Time (years)	Distance (centimeters)
0	155
5	175
10	185
15	210
25	225

Use the index of your book to help you.

Agenda

- Take Simple Machines Quiz.
- Finish Levers Lab
- Start Chapter Review (Must be finished by start of class on Thursday.)
- Objective:
 - Distinguish between the six simple machines.
Today we are focusing on the lever.

Levers Lab

- Two Stations
 - Station 1: You will create different levers using the directions on the worksheet. You will record your data on the worksheet.
 - Station 2: You will check out 8 different levers. On each, you must draw a picture of the lever and label the load, effort, and fulcrum. You must also identify which class of lever it is.

