

Name _____ Date _____

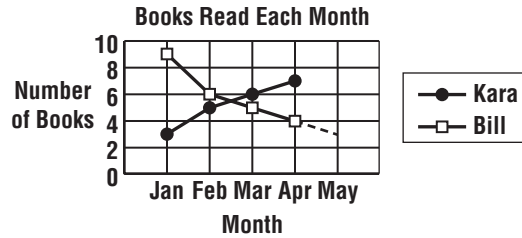
Making Predictions (pages 64–67)

You can use a line graph to help you make predictions.

Predicting with a Line Graph	<p>To make a prediction with a line graph,</p> <ul style="list-style-type: none"> • Extend the graph with a dashed line. • From the point on the dashed line that shows where you want to make your prediction, draw a horizontal line to the left to meet the vertical axis. • Read the value on the vertical axis.
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EXAMPLES

The graph at the right shows how many books Kara and Bill read each month.



A What is the difference in April between the number of books Kara and Bill read?
Kara read 7 and Bill read 4, so the difference is 3.

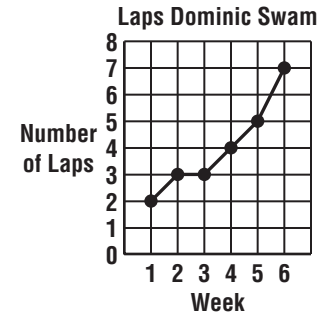
B Predict how many books Bill will read in May.
The extended line has a value on the vertical axis of 3 books.

Try These Together

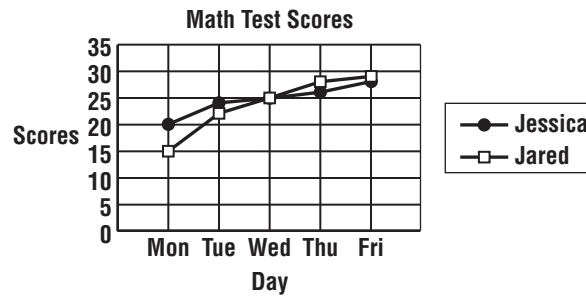
- Use the graph above to predict how many books Kara will read in May.
HINT: Extend the line for Kara.
- How many more books would you expect Kara to read than Bill in May?
HINT: Use your predictions for Kara and Bill.

PRACTICE

- 3. Sports** The line graph shows how many laps Dominic swam each week for 6 weeks.
- Predict how many laps he will be able to swim in Week 7.
 - How many more laps did he swim in Week 4 than in Week 1?
 - Would you predict that Dominic will be able to swim more than 10 laps in Week 8?



- 4. Standardized Test Practice** This line graph shows Jessica and Jared's math test scores for one week. Which day did they have the same score?
- A** Monday **B** Tuesday
C Wednesday **D** Friday



Answers: 1. 8 2. 5 3a. 9 3b. 2 3c. yes 4. C