

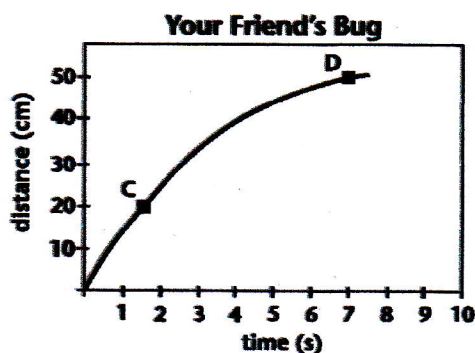
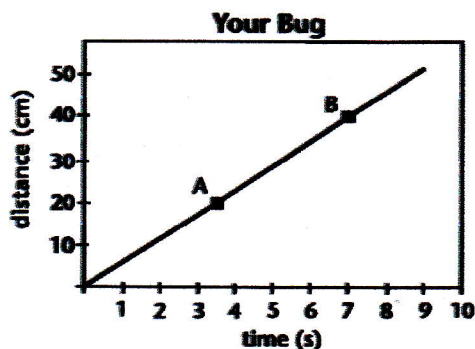
Name _____ Class _____ Date _____

Skills Worksheet

Reinforcement**Bug Race**

Complete this worksheet after you finish reading the section "Measuring Motion."

You and a friend are having a bug race. You both measure the distance your pet bugs travel along a straight race track and record their times as they race. The results are plotted in the graphs below. Take a look at the two graphs. Then answer the questions that follow.



1. What is the distance from the starting line to Point A? _____
2. How long did it take your bug to travel that distance? _____
3. To determine your bug's average speed while traveling from the starting line to Point A, divide the distance traveled by the time it took to travel that distance: average speed = distance traveled/time traveled =

4. What is the distance from Point A to Point B? _____
5. How long did it take your bug to travel from Point A to Point B?

6. Calculate your bug's average speed from Point A to Point B.

7. Compare the graphs of your bug and your friend's bug. Which bug was traveling at a constant speed? Explain your answer.

