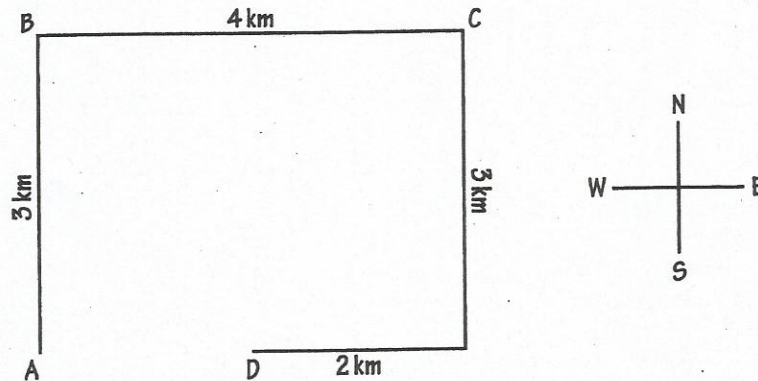


SECTION**1****Reinforcement****What is motion?****Directions:** Answer the following questions on the lines provided.

- How do you define motion? _____

- When you are in bed asleep, are you in motion? Explain. _____

- Explain the difference between distance and displacement. _____

Directions: In the figure below, you travel from home at A, to the park at B, to the store at C, to a friend's house at D. Study the map and answer questions 4 through 8.

- What distance did you travel? _____
- When you were at your friend's house at D, what was your displacement? _____
- If you leave home at 1:00 and get to your friend's house at 5:00, what was your average speed? _____

- If you travel from your house at A to the park at B in 0.5 h, what is your velocity? _____

- Explain why the speed in question 6 didn't equal your velocity in question 7. _____

Directions: Answer the following question on the line provided.

- What does a horizontal line mean on a speed-time graph? _____
