A

Make a table of the (time, distance) value pairs shown in the graph.

Time (hours)												
Distance (miles)												

1. What does the point with coordinates (3, 25) tell about the cyclists' progress?

2. Which points on the graph have coordinates (9, 60) and (10, 110)? What do those coorinates tell about the cyclists' time, distance, and speed on Day 3?

(9, 60) tells us that….

(10, 110) tells us that….

3. What was the cyclists' average speed in miles per hour for the trip? How can you find this from the graph? from the table?

The cyclists average speed was…

To find the average speed from the graph…

To find the average speed from the table…

B The team has to cross the Chesapeake Bay Bridge and Tunnel. Then, they travel on an interstate highway from Norfolk to Williamsburg. So, the team bikes for only the first part of the trip.

1. Based on the graph and your table, when did the team put its bikes on the trailer and begin riding in the van? Describe how you know.

2. What was the team's average speed for the trip time completed on bikes? Show your work.

3. What was the team's average speed for the trip time completed in the van? Show your work.

4. How are the differences in travel speed shown on the graph?

C A very strong cyclist makes the trip from Chincoteague to Williamsburg in 8 hours pedaling at a constant speed.

1. At what speed did the cyclist travel?

2. Describe the graph of (time, distance) data for the trip.