

Journey Home

Sylvia bikes home along a straight road from her friend's house, a distance of 8 miles. The graph shows her journey.

1. Describe what may have happened. You should include details like how fast she bikes.

I'm 8 mi away from home. I traveled .06 mi/min for 30 min. Then for 20 min I rested. I started to head back to my friend's house at a speed of 1 mi/min. Mom called and asked me to come home. I traveled home at a speed of .23 mi/min. It took me 90 min to get home.

2. Are all sections of the graph realistic? Fully explain your answer.

Student materials r1 Interpreting Distance-Time Graphs S-6
© 2018 MAFS. Shell Center, University of Nottingham