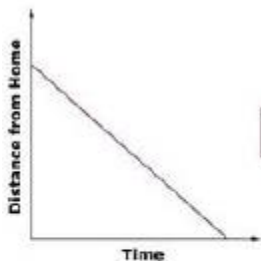
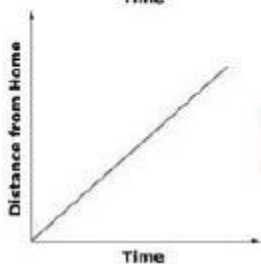


Each day, Maria walks from home to school and then from school to home. The graphs that follow show the distance that Maria is from home at different times during the walk.

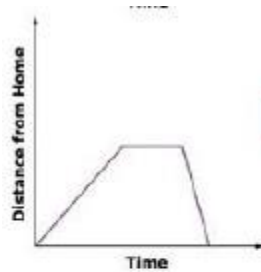
Match the graphs to the descriptions of Maria's walk shown to the right of the graphs. Next to each graph, write the letter (A, B, C, or D) of the description that best matches the graph.



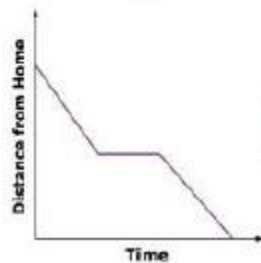
A. Maria walks from school to her friend's house. She visits her friend for a while. Then she walks the rest of the way home.



B. Maria walks from home to school at a constant rate.

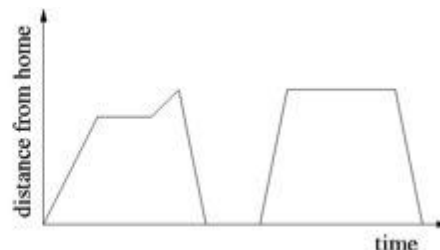
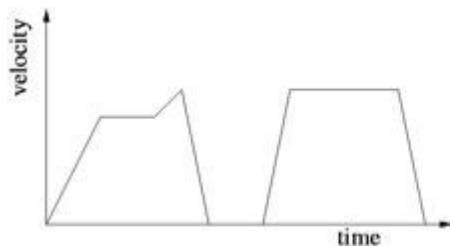


C. Maria starts to walk from home to school. She stops to see whether she has her homework. She realizes she forgot her homework and runs back home to get it.



D. Maria walks from school to home at a constant rate.

Below are two graphs that look the same. Note from the axis labels that the first graph shows the velocity of a car as a function of time and the second graph shows the distance of the car from home as a function of time. Describe what someone who observes the car's movement would see in each case.



Carla rode her bike to her grandmother's house. The following information describes her trip:

For the first 5 minutes, Carla rode fast and then slowed down. She rode 1 mile.

For the next 15 minutes, Carla rode at a steady pace until she arrived at her grandmother's house. She rode 3 miles.

For the next 10 minutes, Carla visited her grandmother.

For the next 5 minutes, Carla rode slowly at first but then began to ride faster. She rode 1 mile.

For the last 10 minutes, Carla rode fast. She rode 3 miles at a steady pace.

Choose the graph that best matches this description of Carla's trip.

