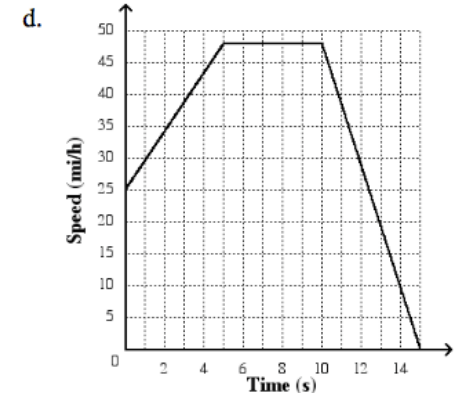
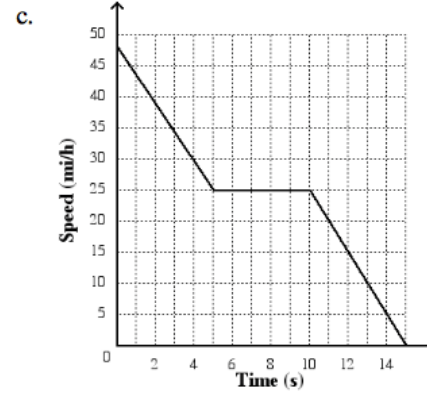
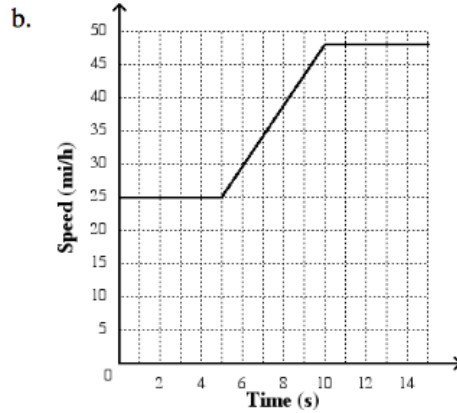
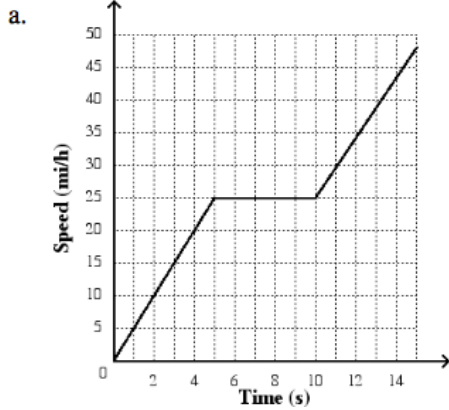


Name: _____

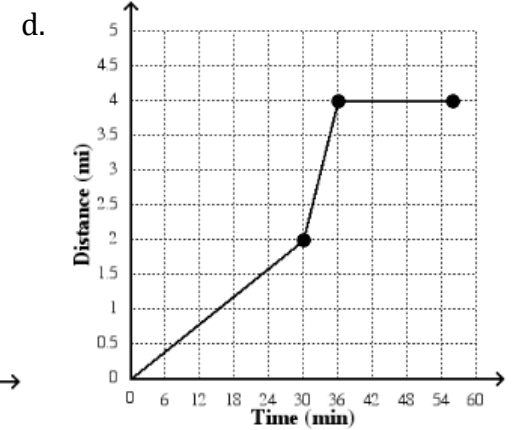
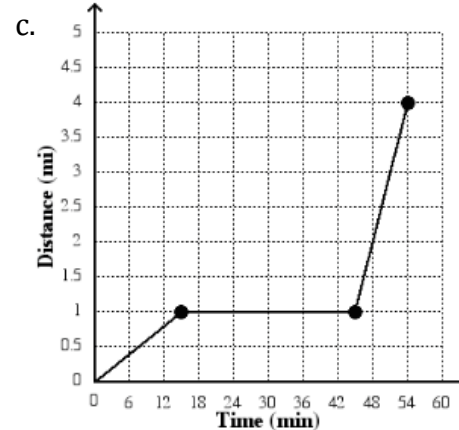
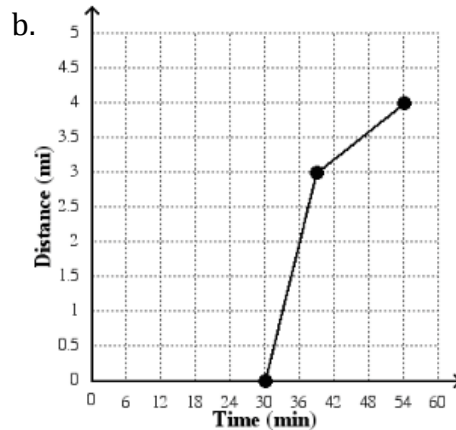
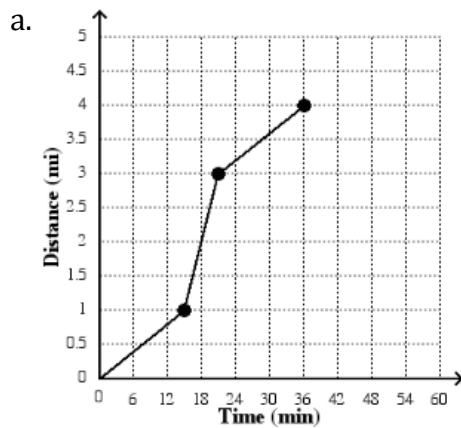
Analyzing Graph Homework

1. Which graph below could match the situation described?

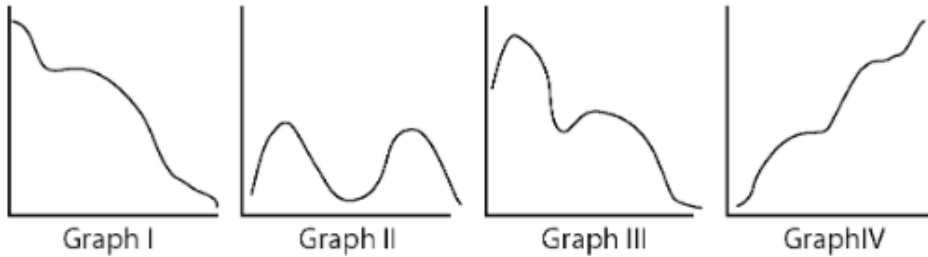
A car traveling at 0 mi/h accelerates to 25 mi/h over the first 5 seconds. It maintains that speed for the next 5 seconds, and then accelerates to 48 mi/h during the next 5 seconds.



2. Select a graph for the situation. You wait for the express bus for 30 minutes, get on and ride the bus non-stop for 3 miles, and then walk another mile to your home.

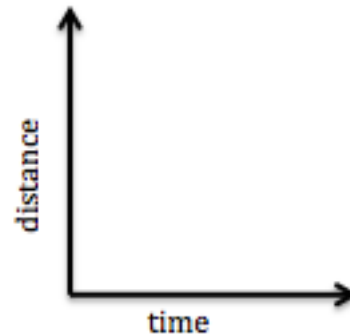


3. Which graph most likely describes the distance a person walks in a 24-hour period? Why?

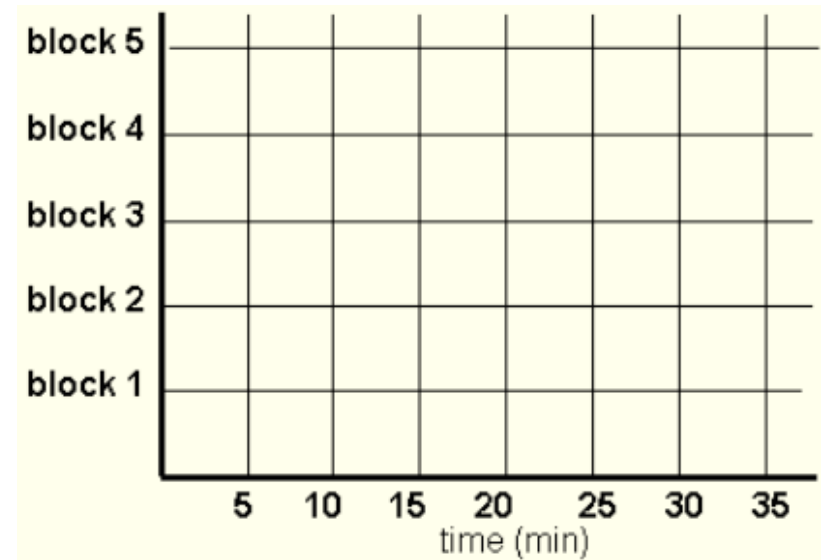


- a. Graph II b. Graph III c. Graph IV d. Graph I

5. Gracie leaves 6th period with walkers. She stops at her locker to get her backpack and then begins her walking home at a steady pace. She stops to wait for the crossing guard to give her permission to proceed. She crosses the street and finishes her walk home.



4. A person who walks two blocks at a moderate speed, waits at an intersection for a short time until the "walk" light turns "green," then walks the next block more slowly, and finally runs the final two blocks very rapidly.



6. "The Three Little Pigs"

The wolf woke up and his stomach was growling. So he decided to go visit the three little pigs. He left his house and traveled to the straw house. He huffed and he puffed and blew it down and then ate dinner. The wolf then travels to the stick house. He huffed and he puffed and blew it down and then eats dinner again. Finally the wolf travels to the brick house. He huffed and he puffed and blew it down. Instead he becomes the three little pig's dinner.

