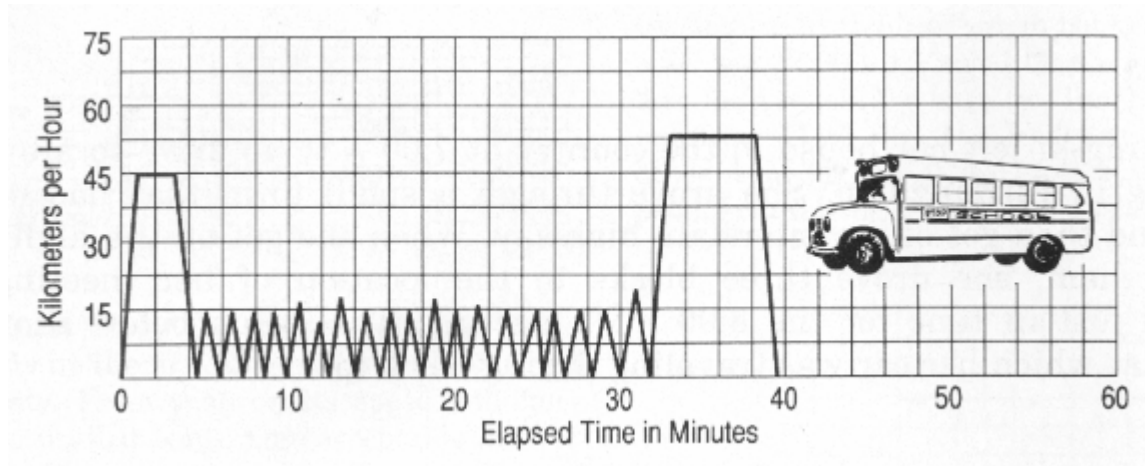


# More Graphing Functions of Time

NAME \_\_\_\_\_

Use the graph and information below to answer the following questions.

The graph below shows the speed of a school bus making its afternoon round. Notice that the bus leaves the school and speeds up to 45 kilometers per hour until it reaches the neighborhood where the students are to disembark. In the neighborhood, the bus stops and starts until all the students have left the bus. The bus then picks up speed and returns to its garage for the night.



1. How do you think the trip of a roller coaster at an amusement park could be represented? Graph it on graph paper. Be sure to indicate the elapsed time and the rate on your axes.
2. Next, graphically represent a trip of your own choosing and write down the story of what took place. You will need graph paper. You may select a story about a snowboarder riding a lift up a mountain and boarding back down, or a pizza-shop worker making home deliveries, or you can make up your own story.