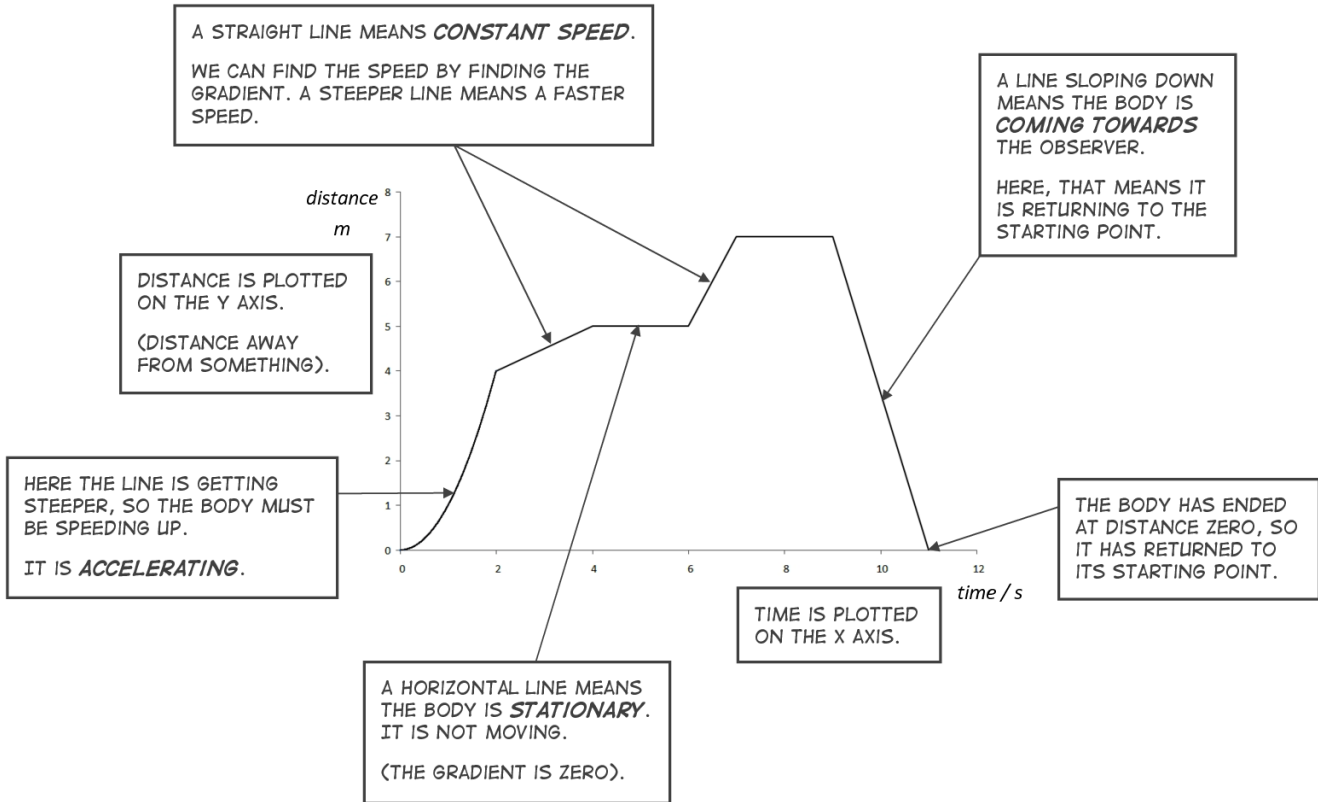
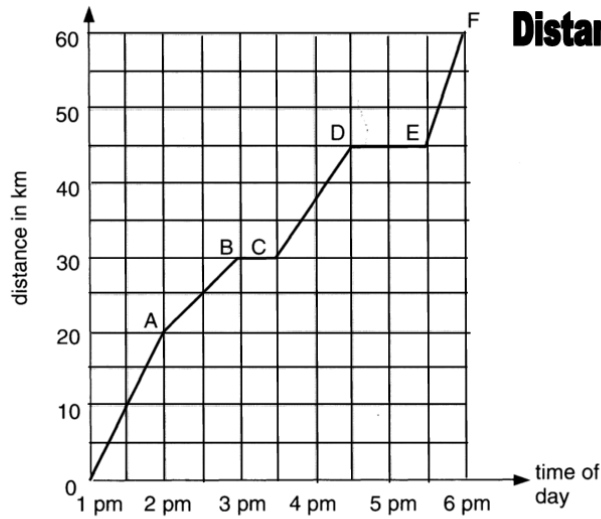


# THE ANATOMY OF A DISTANCE-TIME GRAPH



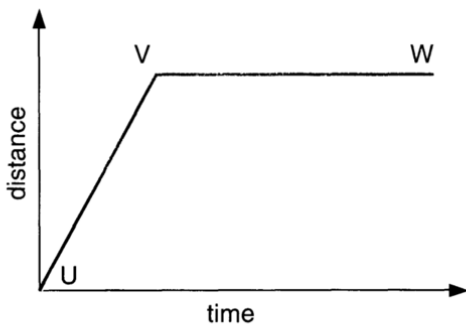




**Distance Vs. Time Graph**

The distance Vs. time graph for a girl on a bicycle ride is shown in the figure above.

- How far did she travel? \_\_\_\_\_
- How long did she take? \_\_\_\_\_
- What was her average speed in km/h? \_\_\_\_\_  
\_\_\_\_\_
- How many stops did she make? \_\_\_\_\_
- How long did she stop for altogether? \_\_\_\_\_
- What was her average speed excluding stops? \_\_\_\_\_  
\_\_\_\_\_
- How can you tell from the shape of the graph when she travelled fastest?  
Over which stage did this happen? \_\_\_\_\_  
\_\_\_\_\_



This figure shows the distance - time graph for a moving object.

Describe the motion, if any, of the objects in the regions:

- UV: \_\_\_\_\_  
\_\_\_\_\_
- VW: \_\_\_\_\_  
\_\_\_\_\_