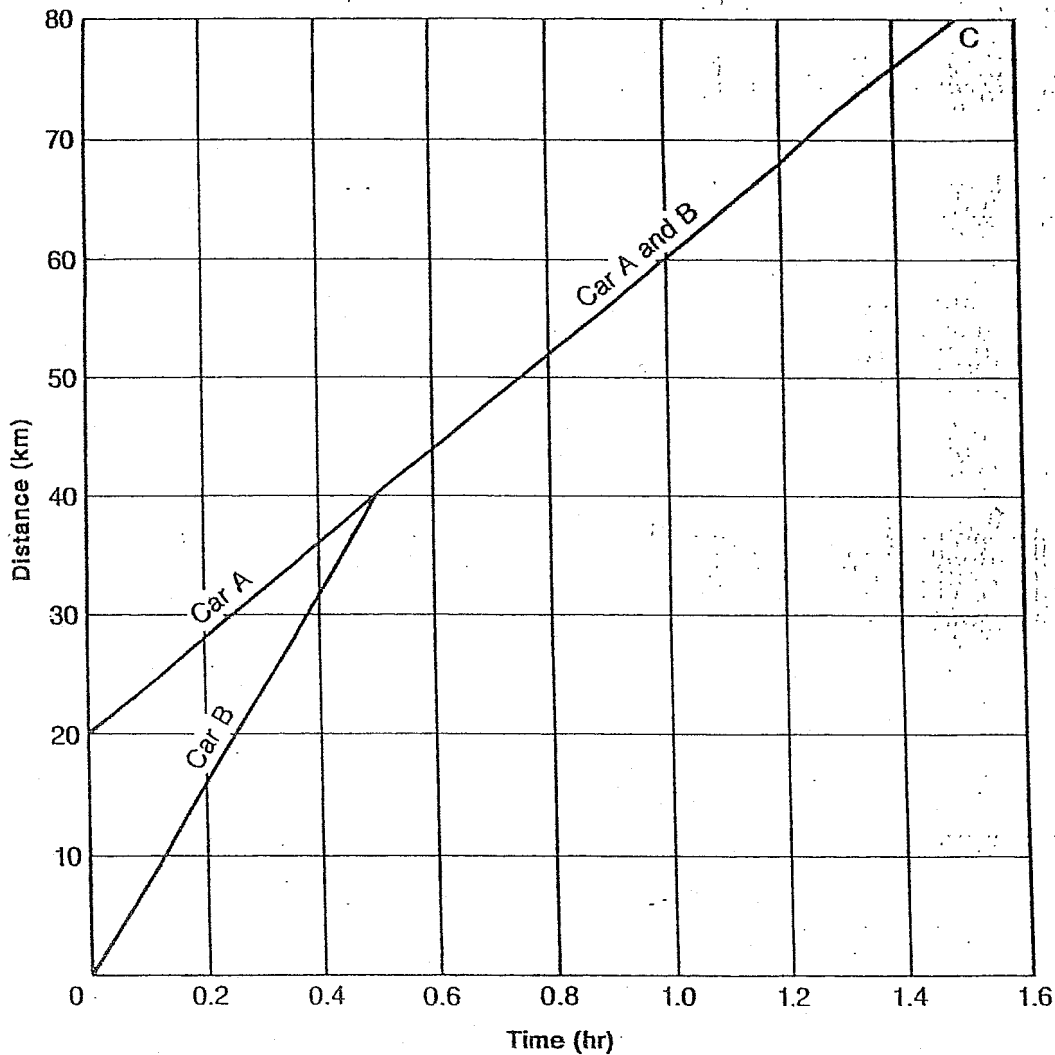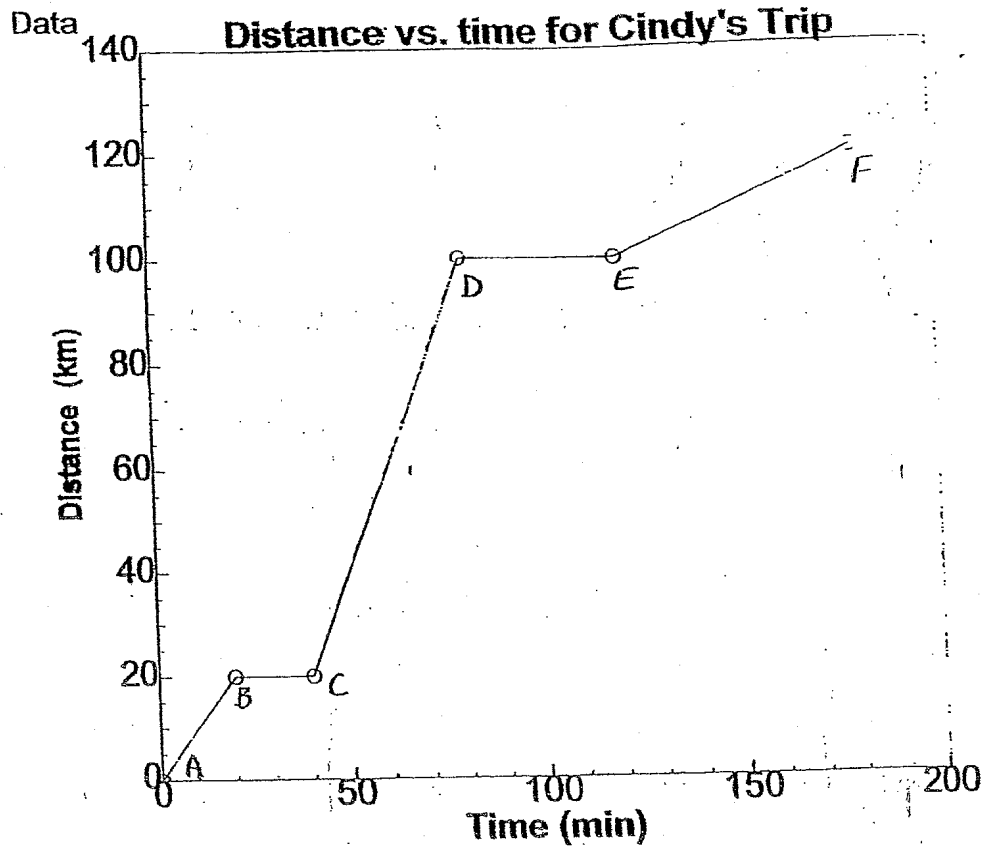# A Speedy Journey

Use the graph below to answer the questions about the journeys of two cars.

1. How far did car A travel before it met car B? _____

2. How long had the two cars been traveling before they met? _____

3. How far did both cars travel at the same speed? _____

4. How long did it take both cars to get to point C? _____

5. Which car had constant speed? _____ ? What was its

   speed? _____

6. What were the speeds of the other car? _____

Data

Distance vs. time for Cindy's Trip

Time and distance for Cindy's trip

Time (min) ()	Dist (Km) ()
0.00000	0.000
20.00000	20.000
40.00000	20.000
80.00000	100.000
120.00000	100.000
180.00000	120.000

The graph and table are for Cindy's trip to another city in a car.

1. Use the data in the table or in the graph to calculate Cindy's average speed for the entire trip.

2. Between what 2 points did she travel the fastest?

3. What was she doing between points B and C?

4. On her return trip (from point F to point A) if her avereage speed was 30 km/hour how long did her return trip take?