Time Problem

1. What is the angle between the large (minute)  hand and the small  (hour)  hand at  11:50 pm?
2. If the trip home takes 40 minutes, at what time Maradika have to leave home in order to be at the venue by quarter before 7 am.
3. It takes Maradika 70mins to complete the CSC exam. Maradika starts her test at 7:02 am. What time does the clock say when she finishes her test?

Work Problem

1. Suppose one painter can paint the entire house in twelve hours, and the second painter takes eight hours to paint a similarly-sized house. How long would it take the two painters together to paint the house?

Distance Problem

1. Two cars started from the same point, at 5 am, traveling in opposite directions at 40 and 50 mph respectively. At what time will they be 450 miles apart?
2. At 9 am a car (A) began a journey from a point, traveling at 40 mph. At 10 am another car (B) started traveling from the same point at 60 mph in the same direction as car (A). At what time will car B pass car A?
3. Judy built a rectangular patio that is 999 meters wide and has a perimeter of 404040 meters.