Car Rally

This task is about solving problems that involve distance and speed.

Jake's rally car averages 130 km/h.

a) If Jake entered a race that took him 6 hours to finish, what distance was the race?

| ○ 210 km | ○ 468 km | ○ 600 km | ○ 780 km | ○ 1300 km |

b) The following week Jake entered the same car in a 450 km race.
   i) If the race started at 1 p.m., about what time would Jake be likely to finish?

| ○ 3:30 p.m. | ○ 3:45 p.m. | ○ 4:30 p.m. | ○ 4:45 p.m. | ○ 5:30 p.m. |

   ii) Unfortunately, after 390 km driving at 130 km/h, Jake's car broke down.
       It took him 30 minutes to fix the car. He could then only race at an average of 60 km/h.
       How long did the 450 km race take him?

| ○ 3 hours | ○ 3.5 hours | ○ 4 hours | ○ 4.5 hours | ○ 5 hours |