The 50 Day Challenge

A teacher has set her class the task of 'walking the length' of State Highway 1 in 50 school days. They are allowed to count each step that each student takes if they walk to and from school and if they walk laps of the 400 m track on the school field at fitness time.

Use the data the class have collected below, to work out how many laps of the track each student will need to walk on each of the 50 challenge days.

How do we get to school?

Walk	6
Ride	2
Scoot/skate	4
Bus	5
Car	11

How many metres do each of the walkers take? (Each walker used a gps app on a smartphone to measure their walk to school)

250, 186, 373, 1256, 812, 280

How many metres do each of the bus pupils walk to get to the stop? (Each pupil used a gps app on a smartphone to measure their walk to school)

140, 203, 95, 413, 77

The class 'googled' the length of State Highway 1 and got 2 047 km.

1. How many metres are already covered by the students walking to school or to a bus stop?
2. What distance remains to be covered each day?
3. How many laps of the 400 m track will each of the students need to cover to complete the challenge?