

## Science 1206 In-class Assignment

### Uniform Motion

The mission of Space Probe Mariner 10 was to measure Mercury's environment, atmosphere, surface, and body characteristics and to make similar investigations of Venus.

distance (km)	time (h)
0	0
211	1
422	2
630	3
844	4
1055	5



1. Make a distance - time graph for the data.
2. Calculate the speed of the Spaceship.
3. How far did it travel in 3.5 hours?
4. Make the corresponding speed - time graph for the data.
5. Use your speed-time graph to calculate the distance travelled in 2 hours.
6. Use your speed-time graph to calculate the distance travelled in 5 hours.

