

**Physical Science – Module 2 – Motion**  
**Wkst - Interpreting a Distance-Time Graph Practice**

Use the data below to create and interpret a graph of the motion of an object

Time (s)	Distance (m)
0	0
10	8
20	8
30	8
40	8
50	11
60	14
70	12
80	10
90	5
100	0

**Interpreting Questions (L2)**

1. Where is the object stationary?
2. Where is the object traveling the fastest?
3. Where is the object moving back towards its starting point?
4. For how long was the object not moving?

**Calculating Questions (L2)**

5. What is the speed of the object between 0s-10s?
6. What is the speed of the object between 40s-60s?
7. What is the average speed of the object between 60s-100s?

[Answers](#)