

3.3 Review Questions

1. Graph the following set of data on graph paper, then answer the questions. Connect the dots with a ruler.

- What's the speed of the object from $t = 0$ to 4 s?
- What's the speed of the object from $t = 7$ to 10 s?
- Describe the slope of the line from 6 to 10 s.
- What's the object's average speed for the entire trip?

time (s)	position (m)
0	0
1	2.75
2	5.50
3	8.25
4	11.00
5	13.75
6	16.50
7	16.50
8	16.50
9	16.50
10	16.50

2. Graph the following set of data on graph paper, then answer the questions. Connect the dots with a ruler.

- What's the speed of the object from $t = 0$ to 4 s?
- What's the speed of the object from $t = 7$ to 10 s?
- Describe the slope of the line from 6 to 10 s.
- What's the object's average speed for the trip?

time (s)	position (m)
0	12.0
1	10.0
2	8.0
3	6.0
4	4.0
5	2.0
6	2.0
7	2.0
8	5.0
9	8.0
10	11.0