Physics 2204

Worksheet #1 Graphing

1. For the following sets of data graph the line and determine the speed of the object. Graph one table on the front of your sheet of graph paper, and the other on the back. The graphs should look similar to the Thomas graph we completed together in class.

| Time (s) | Displacement (m) [N] |
|----------|----------------------|
| 0 | 0 |
| 1.00 | 4.5 |
| 2.00 | 9.2 |
| 3.00 | 13.4 |
| 4.00 | 17.8 |
| 5.00 | 22.2 |

| Time (s) | Displacement (m) [E] |
|----------|----------------------|
| 0 | 39.2 |
| 2.0 | 32.8 |
| 4.0 | 26.3 |
| 6.0 | 19.7 |
| 8.0 | 13.3 |
| 10.0 | 6.8 |