Distance Time Graph Practice

Set A: (A Person Walking)

|  |  |
| --- | --- |
| Time (hr) | Distance (km) |
| 0 | 0 |
| 1 | 5 |
| 2 | 10 |
| 3 | 15 |
| 4 | 20 |

Set B: (A Person Sprinting)

|  |  |
| --- | --- |
| Time (s) | Distance (m) |
| 0 | 0 |
| 3 | 37.5 |
| 6 | 75 |
| 9 | 113 |
| 15 | 187.5 |

Set C: (A Car Driving)

|  |  |
| --- | --- |
| Time (Hrs) | Distance (Miles) |
| 0 | 0 |
| 0.5 | 30 |
| 1 | 60 |
| 2 | 120 |
| 8 | 480 |

Set D: (A Turtle Walking)

|  |  |
| --- | --- |
| Time (minutes) | Distance (m) |
| 0 | 0 |
| 1 | 12 |
| 2 | 24 |
| 5 | 60 |
| 10 | 120 |

Set E: (A Plane Flying)

|  |  |
| --- | --- |
| Time (hrs) | Distance (km) |
| 0 | 0 |
| 1 | 1000 |
| 2 | 2000 |
| 8 | 8000 |
| 12 | 12000 |

For each set:

1. Create a table in Excel.

2 Create a graph in Excel.

3. Copy your graph to a Word document. Label it!!

4. Use the slope to determine the speed of the object.