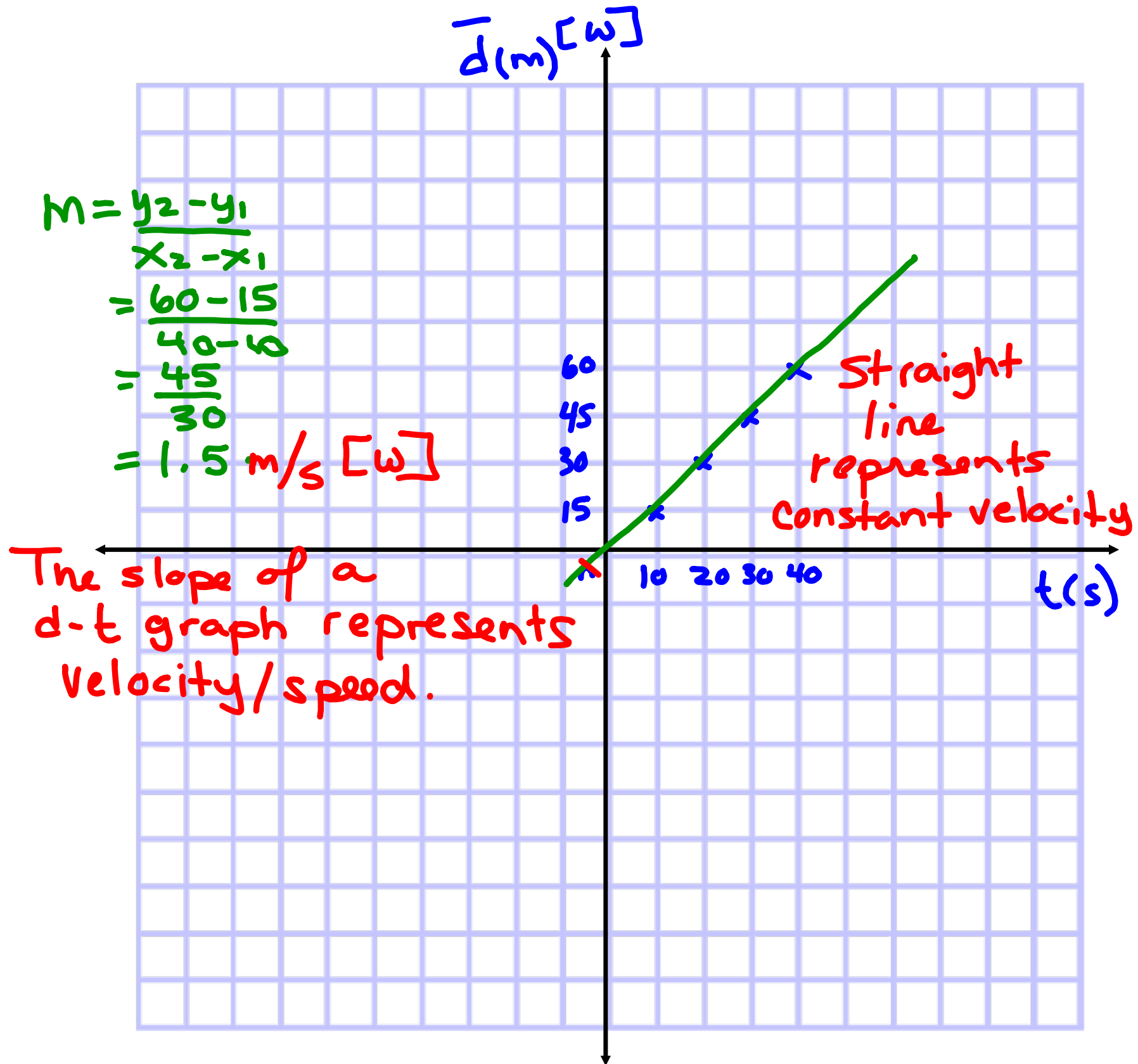


Graphing Uniform Motion

Graph the following data (d vs t) on a properly formatted graph.
Calculate the slope of the graph with units.

1. Data

Time (s)	Distance (m) [w]
0.0	0.0
10.0	15.0
20.0	30.0
30.0	45.0
40.0	60.0
50.0	75.0



d-t Graphs

When you plot a d-t graph

- * slope of a d-t graph gives the average speed of the object.
- * uniform motion means a straight line on a d-t graph.
- * if you have a line sloping in the negative direction it means you are travelling in the opposite direction (not slowing down).

