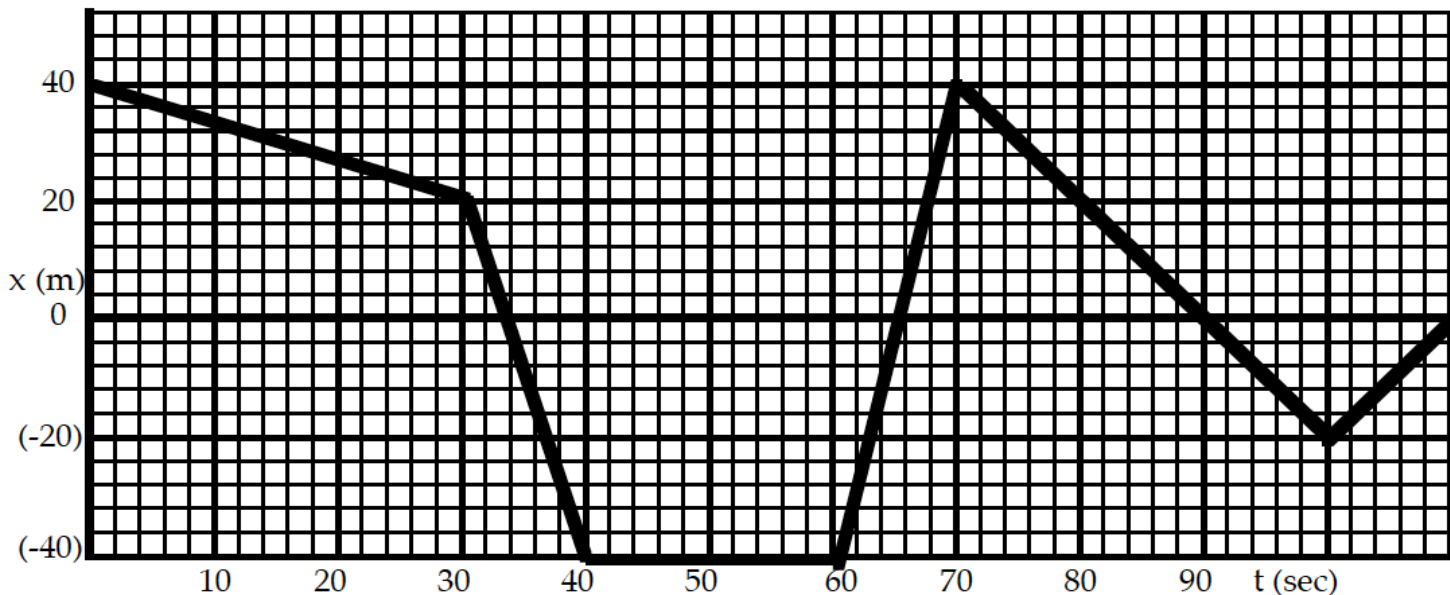# P h y s i c s

name _____ period _____

Inv-1 PreLab #3 -- Interpreting the Duet

sheet # _____

Fill in the table and answer the questions following the graph.

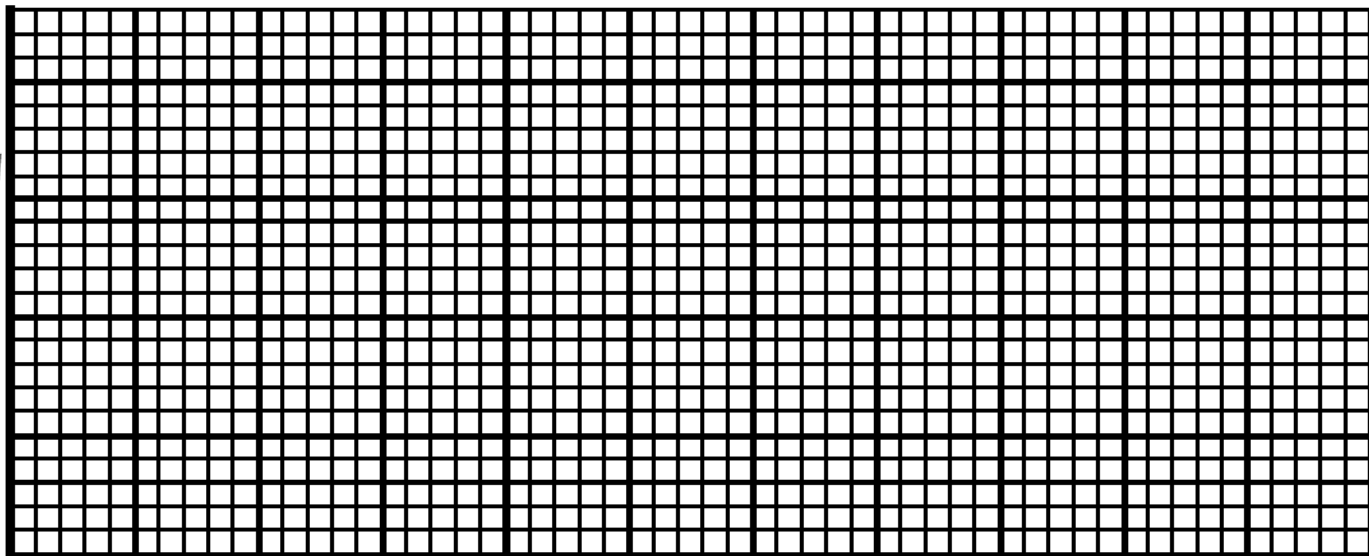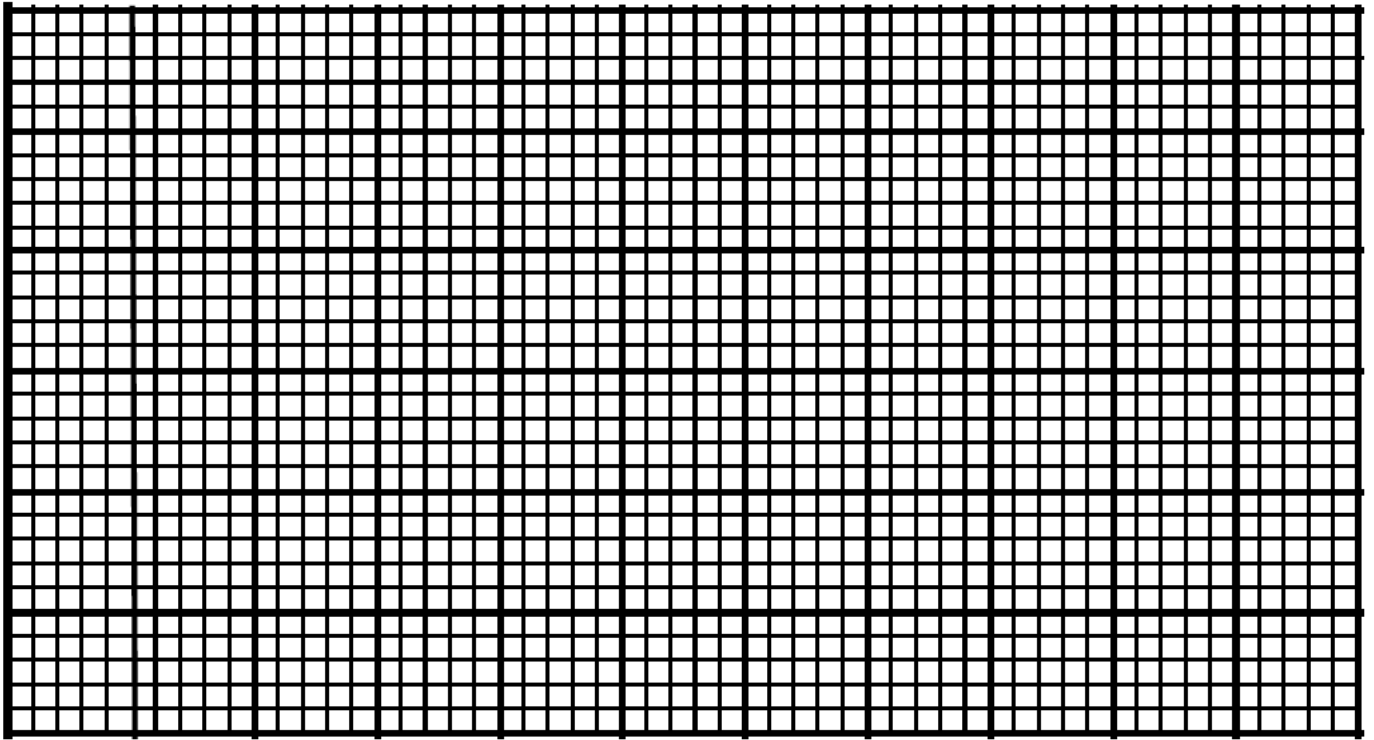This graph displays the steps of Slappy the dizzy |Circus Clown as he makes his way to his trailer.

time interval	velocity

Questions:

1.) What is Slappy's overall distance traveled? _____

2.) What is his overall displacement? _____

3.) What is his fastest velocity? _____

4.) What is his slowest velocity? _____

5.) What is his overall average velocity ($\bar{v}$)? _____
6.)Represent this $\bar{v}$ with colors on the graphs above and below: .

Graph and label velocities vs. time intervals below for Slappy's stumble to his trailer:

Fill in the time-position table and the draw and label the corresponding position vs. time graph above for the the velocity vs. time graph below:
(These graphs have nothing to do with Slappy.)

Write a short paragraph in the box below describing a possible scenario for this pair of graphs.

t (sec)	x (m)
0	
8	
25	
30	
45	
55	