Name _____   Date _____

Graphing Motion WS   Block _____

Do your own work, stay in your assigned seat. Grades will be reduced if you fail to obey classroom rules. No calculators are needed.

Calculate the speed of each car below..

1. Car A is able to travel 300 miles in 5 hours, what is the car's average speed?

2. Car B is able to travel 375 miles in 5 hours, what is the car's average speed?

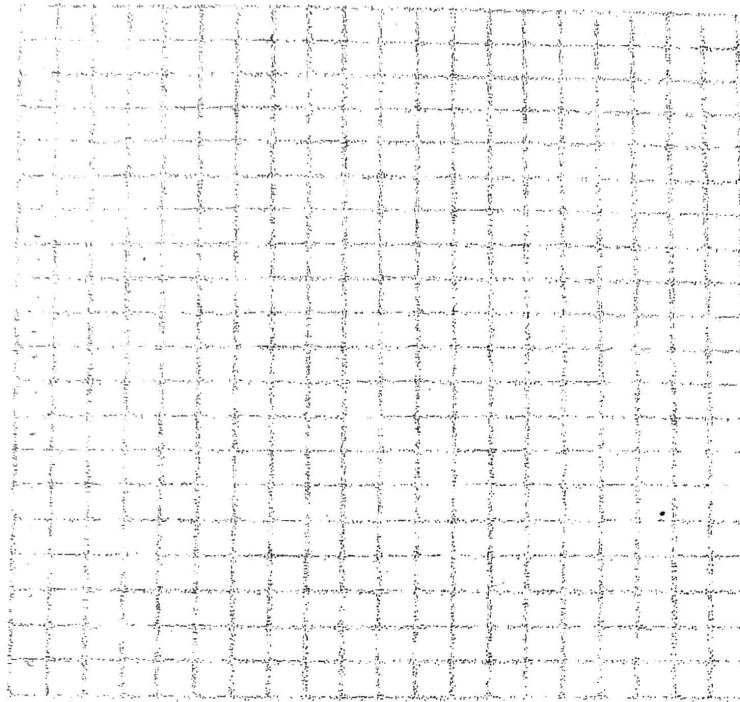3. Car C is able to travel 225 miles in 5 hours, what is the car's average speed?

Make an X/Y chart for each car below.

X	Y

X	Y

X	Y

Graph 3 lines on the grid below. Each line should represent the speed of one of the cars above. Be sure to label your graph and the lines!

Answer the questions below in complete sentences please.

1. How far had Car A traveled in 2 hours?

2. How far had Car B traveled in 3 hours?

3. How far had Car C traveled in 2.5 hours?

4. How does the slope of the line compare to the speed of each car?