Physical Science   Motion Graphs   Mr. Grimes

Name: _____   Period: ____
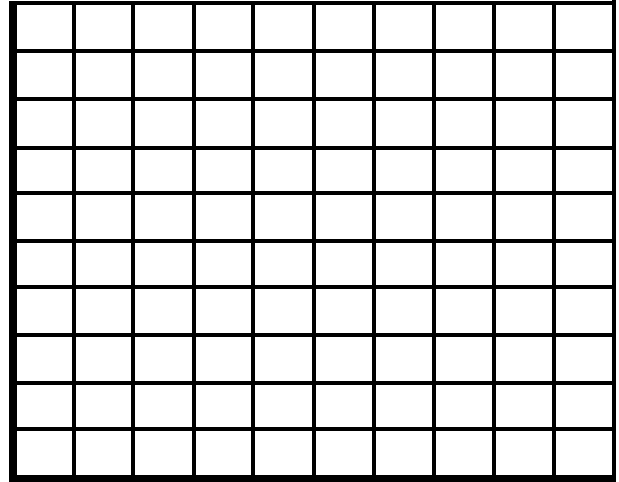
Plot the following data on the graph and answer the following questions below. SHOW WORK IF APPLIES!

Time (s)	Distance (m)
0	0
10	5
20	12
30	20
40	30
50	42
60	56

1. What is the average speed at 20 s?

2. What is the average speed at 30 s?

3. What is the acceleration between 20 and 30 s?

4. What is the average speed at 40 s?

5. What is the average speed at 60 s?

6. What is the acceleration between 40 and 60 s?

7. Is the object accelerating at a constant rate?