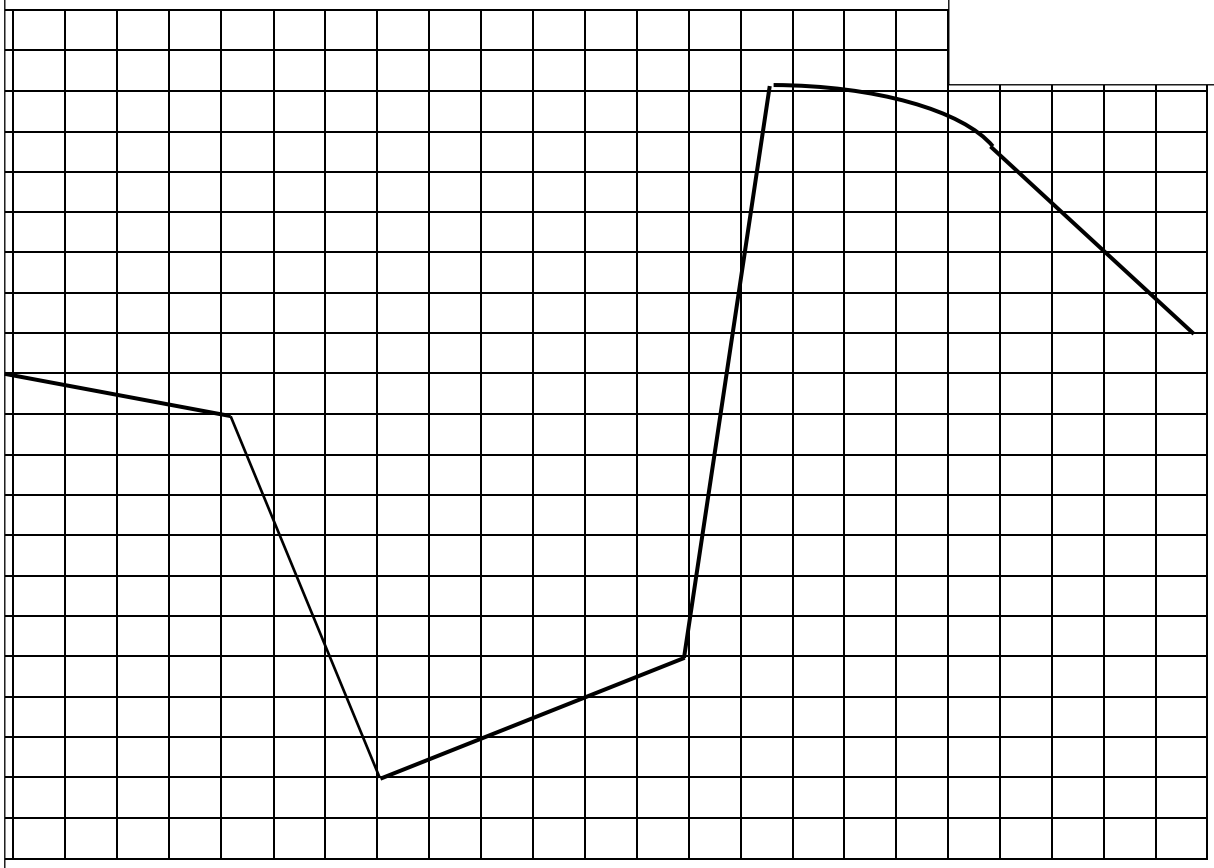
PHYSICS 11

DETERMINING INSTANTANEOUS AND AVERAGE VELOCITY USING A GRAPH 2

A:

Title:

Scale:



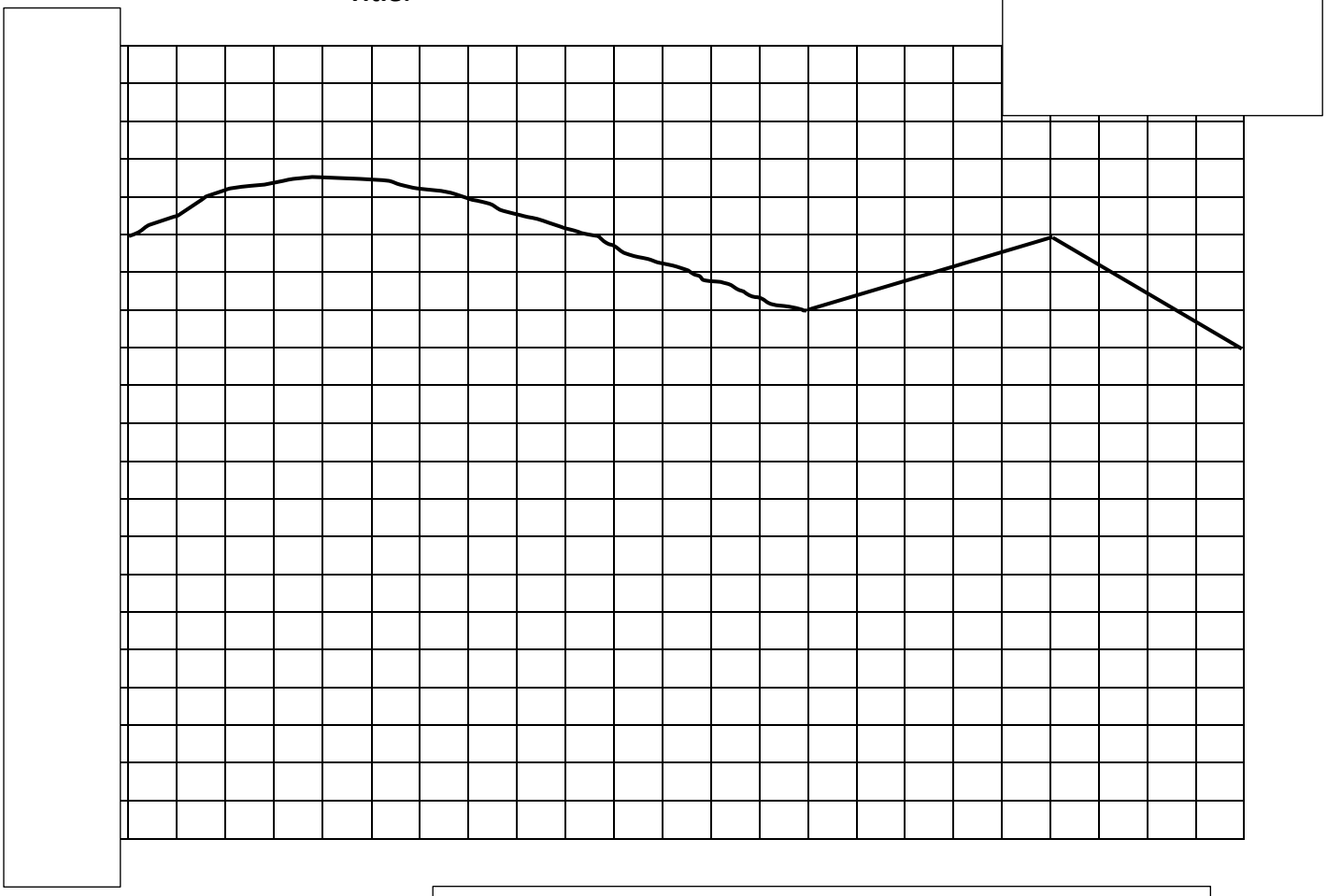
Determine the following:

Length of the time interval	
Time interval when the object is at rest	
Average velocity for the first 3 seconds	
Average velocity for the entire time interval	
Instantaneous velocity for t=10 s	
Instantaneous velocity for t=2 s	
Instantaneous velocity for t= 20s	
Is the motion uniform or non-uniform?	
Change in displacement	

B:

Title:

Scale:



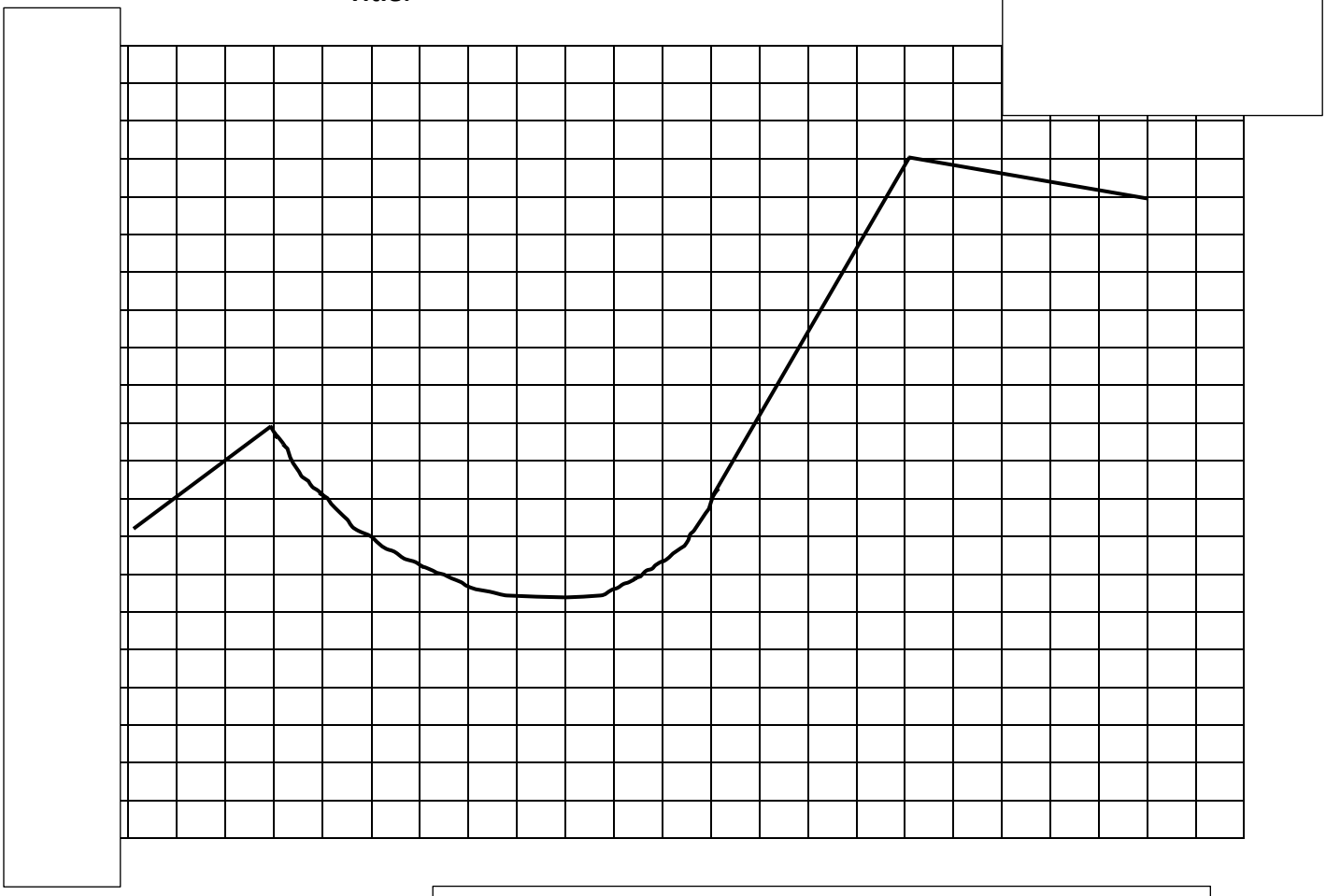
Determine the following:

Length of the time interval	
Time interval when the object is at rest	
Average velocity for the first 6 seconds	
Average velocity for the entire time interval	
Instantaneous velocity for t=15 s	
Instantaneous velocity for t=2 s	
Instantaneous velocity for t= 19s	
Is the motion uniform or non-uniform?	
Change in displacement	

C:

Title:

Scale:



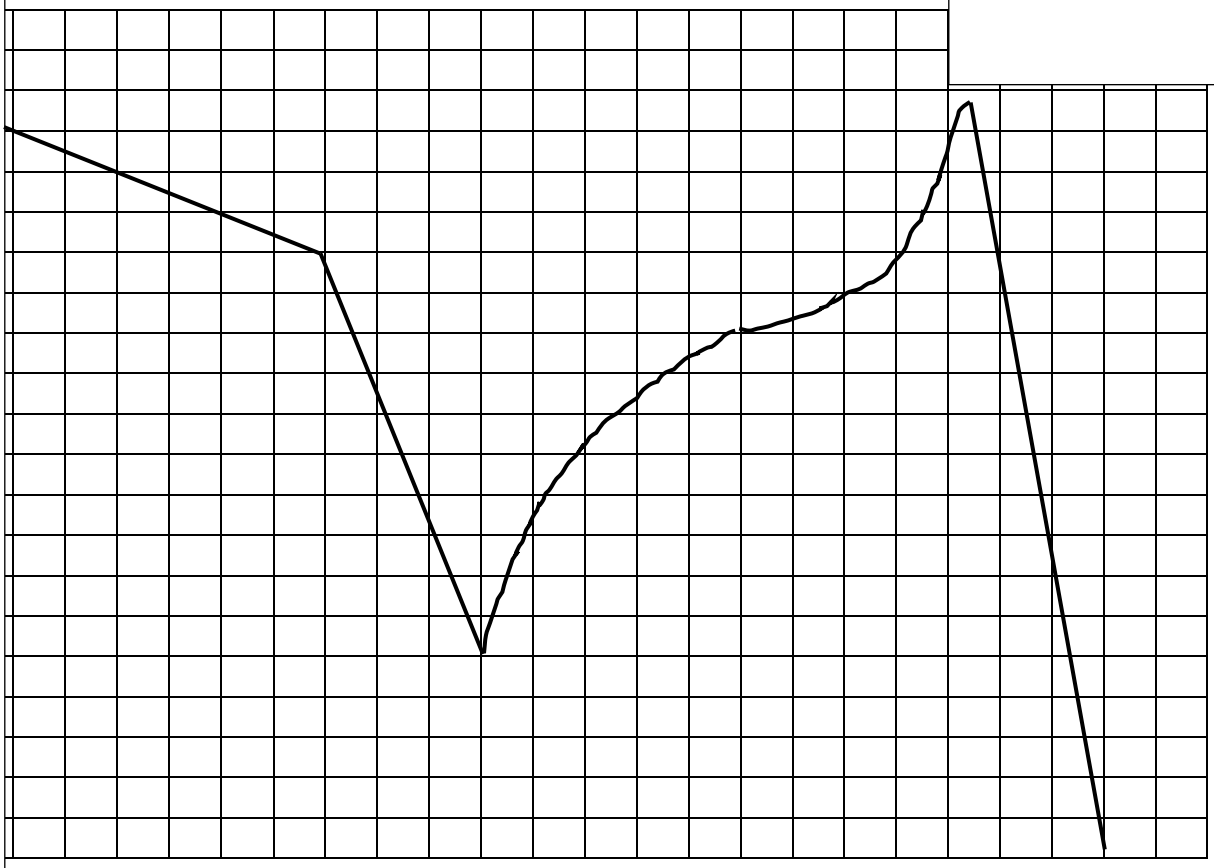
Determine the following:

Length of the time interval	
Time interval when the object is at rest	
Average velocity for the first 4 seconds	
Average velocity for the entire time interval	
Instantaneous velocity for t=7 s	
Instantaneous velocity for t=2 s	
Instantaneous velocity for t= 18s	
Is the motion uniform or non-uniform?	
Change in displacement	

D:

Title:

Scale:



Determine the following:

Length of the time interval	
Time interval when the object is at rest	
Average velocity for the first 4 seconds	
Average velocity for the entire time interval	
Instantaneous velocity for t=12 s	
Instantaneous velocity for t=9 s	
Instantaneous velocity for t= 20s	
Is the motion uniform or non-uniform?	
Change in displacement	