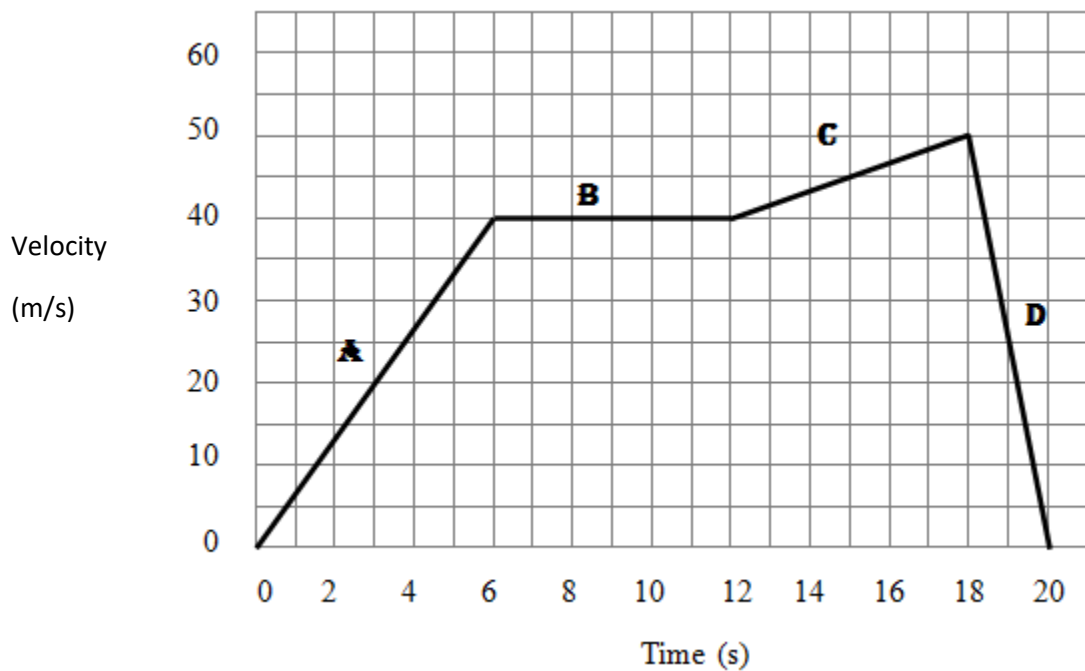


### Graph Interpretation Homework



For the graph above:

1. Calculate the average acceleration for *each* section of the graph. Show *ALL* work!

2. Calculate the total displacement (x) for the graph. Show *ALL* work!

3. Write a story that matches the motion represented in this graph.

4. Draw a rough sketch of a position ( $x$ ) vs time graph for the motion shown on the  $v$  vs  $t$  graph.

