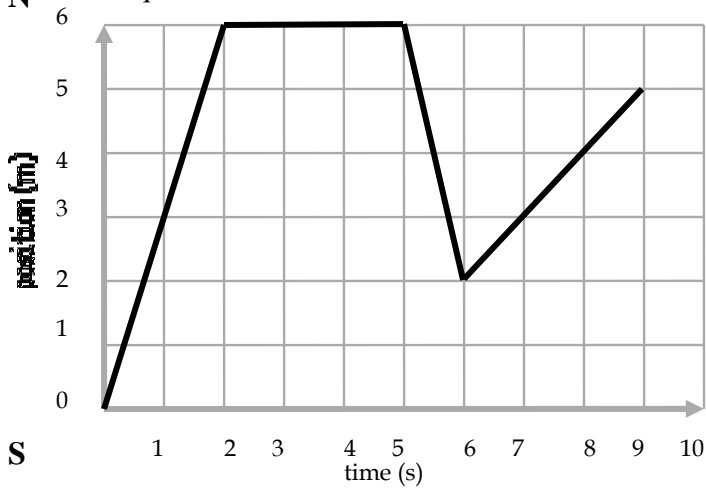


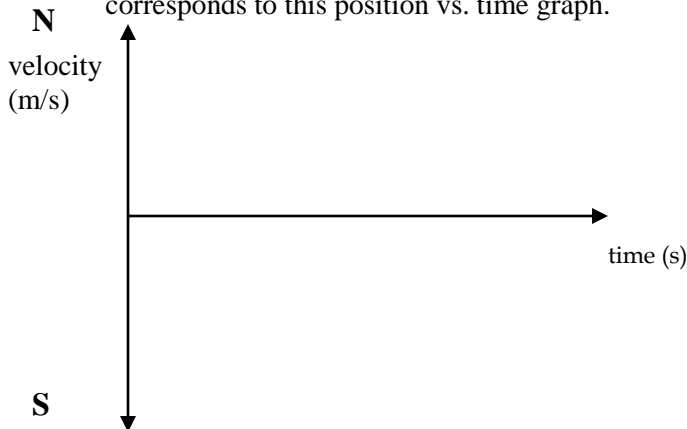
Physics
Practice with Graphs I – x-t & v-t

Name _____
 Date _____

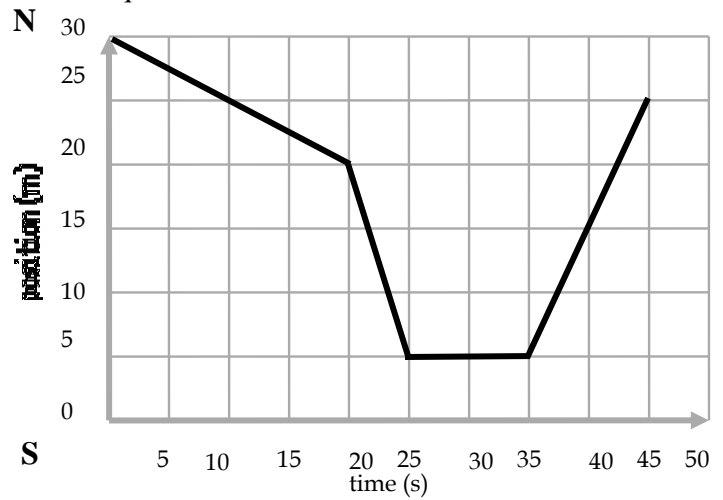
1. Use the position vs. time graph below to answer the questions that follow.



- What is the position at 7 seconds?
- During what time interval is the object moving the fastest? How can you tell?
- What is the object doing from $t = 2$ s to $t = 5$ s?
- What is the velocity of the object from 0 s to 2 s?
- What is the velocity of the object from 2 s to 5 s?
- What is the velocity of the object from 5 s to 6 s?
- What is the velocity of the object from 6 s to 9 s?
- Draw the velocity vs. time graph that corresponds to this position vs. time graph.



2. Use the position vs. time graph below to answer the questions that follow.



- What is the position at 45 seconds?
- During what time interval is the object moving the fastest? How can you tell?
- What is the object doing from $t = 0$ s to $t = 20$ s?
- What is the velocity of the object from 0 s to 20 s?
- What is the velocity of the object from 20 s to 25 s?
- What is the velocity of the object from 25 s to 35 s?
- What is the velocity of the object from 35 s to 45 s?
- Draw the velocity vs. time graph that corresponds to this position vs. time graph.

