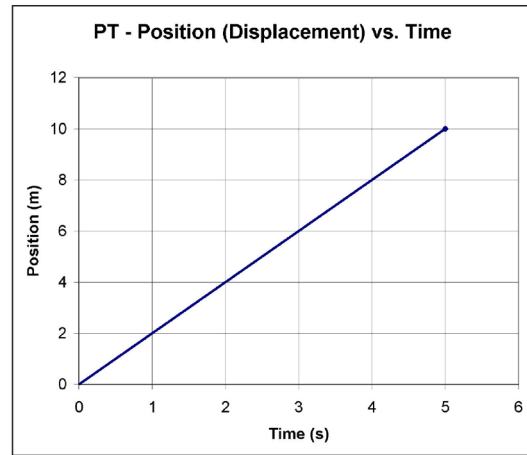


Graphing Exercises

These exercises are designed to help you gain a better understanding of one dimensional motion and how to read and understand the associated graphs.

The questions on this page refer to graph 1.



Graph 1

1. What distance was traveled during the time from $t = 0$ to $t = 5$ seconds?
2. What was the displacement for the same time?
3. What was the initial position?
4. What is the position at $t = 3$ seconds?
5. What was the velocity during the 5 seconds shown?
- 6.
7. Write an equation that describes this motion.



Graph 1.A

Draw a VT graph for the motion in Graph 1



Graph 1.B

Draw an AT graph for the motion in Graph 1