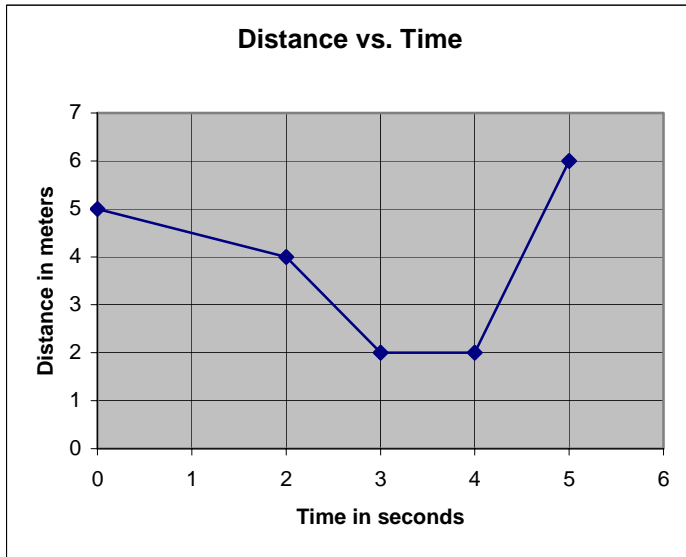


Distance vs. Time Function #1



1. On the back of this page describe the motion of that causes the graph above.
- _____ 2. What is the rate of change in meters per second for the first 2 seconds?
- _____ 3. What is the rate of change in meters per second between seconds 2 and 3?
- _____ 4. What is the rate of change in meters per second between seconds 3 and 4?
- _____ 5. What is the rate of change in meters per second between seconds 4 and 5?
- _____ 6. What was the distance when the object first started moving?
7. Write an equation to describe the motion between 0 and 2 seconds.
8. Write an equation to describe the motion between 2 and 3 seconds.
9. Write an equation to describe the motion between 3 and 4 seconds.
10. Write an equation to describe the motion between 4 and 5 seconds.