Motion Graph Notes

* Position vs Time Graphs
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Velocity vs Time Graphs
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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|  | Position-Time Graph | Velocity-Time Graph |
| Constant  Speed | p  t | v  t |
| Object at rest |  |  |
| Constant speed, then stops, then constant faster speed |  |  |
|  | Position-Time Graph | Velocity-Time Graph |
| Speeding up (away) | p  t | v  t |
| Speeding up (toward) |  |  |
| Slowing down (away) |  |  |
| Slowing down (toward) |  |  |