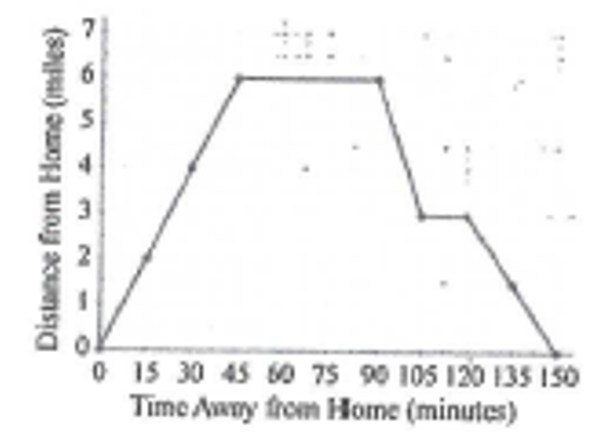
**Position – Time Graphs**

**The slope of a position-time graph represents velocity.**

**The steeper the slope is, the faster the motion is changing. Average velocity can be calculated from a position-time graph as the change in position divided by the corresponding change in time. **

**Ted bicycled 6 miles from his house to the mall, then returned home.**

1. **How long was he at the mall?**
2. **How long was Ted actually riding his bike?**
3. **What was his average rate going to the mall?**