

Read the steps for each story. Sketch a position-time graph and a speed-time graph for each story.

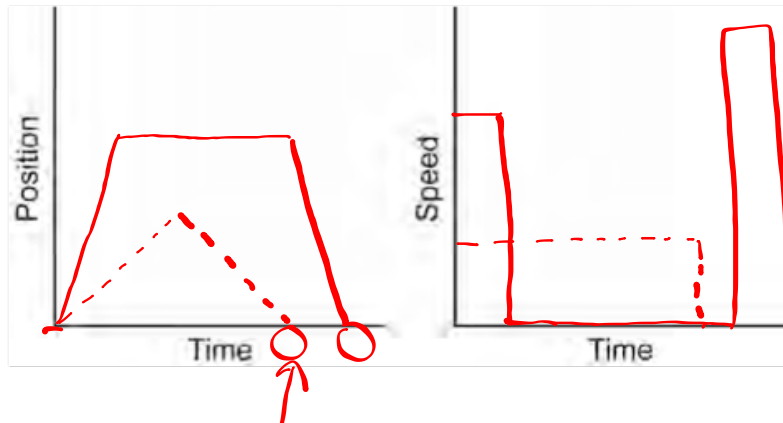
1. Graph Red Riding Hood's movements according to the following events listed in the order they occurred:

- Little Red Riding Hood set out for Grandmother's cottage at a good walking pace.
- She stopped briefly to talk to the wolf.
- She walked a bit slower because they were talking as they walked to the wild flowers.
- She stopped to pick flowers for quite a while.
- Realizing she was late, Red Riding Hood ran the rest of the way to Grandmother's cottage.



Quickly outdistancing the tortoise, the hare ran off at a moderate speed.

- The tortoise took off at a slow but steady speed.
- The hare, with an enormous lead, stopped for a short nap.
- With a startle, the hare awoke and realized that he had been sleeping for a long time.
- The hare raced off toward the finish at top speed.
- Before the hare could catch up, the tortoise's steady pace won the race with an hour to spare.



- The sky rocket was placed on the launcher.
- As the rocket motor burned, the rocket flew faster and faster into the sky.
- The motor burned out; although the rocket began to slow, it continued to coast even higher.
- Eventually, the rocket stopped for a split second before it began to fall back to Earth.
- Gravity pulled the rocket faster and faster toward Earth until a parachute popped out, slowing its descent.
- The descent ended as the rocket landed gently on the ground.

