Take a walk and tell a story – Part A

walk is described in each question below. In the first screen, draw the graph that you think tells the story. Working with a partner (or two), check your answer by walking the story. Sketch what you see on the screen.

Begin 4 m from the CBR. Walk toward the CBR. When you are 0.5 m away, walk backwards to the starting position and stop.

Begin 0.5 cm from the CBR. Walk slowly backward until you are 5 m from away. Then return quickly to your starting place.

Begin 3 m from the CBR. Walk toward the CBR for 4 sec. Stop for 5 sec. Walk backwards to your starting position. Stop.

Begin 0.5 m from the CBR. Run backward for 3 sec. Stop for 4 sec. Walk forward for 5 sec. Stop.

Start at 3 m from the CBR. Walk forward for 2 sec, backward for 2 sec, forward for 2 sec, and so on...
Tell the story that you think describes the graph. Check your answer by walking the story.

Now, draw your own graph, tell the story, and then check it with the CBR.

Is it possible to make any graph on the screen? If not, what can't you do, and why?