Running Man Simulation – Inquiry Activity

Go to <http://phet.colorado.edu/en/simulation/moving-man>

Click on run now

Click on charts

Press play and move the man towards the house at a constant rate and then press pause. Redo it if you don’t feel you moved at a constant rate.

Describe the position time graph

Describe the velocity time graph

Describe the acceleration time graph

Press play and move the man back towards the tree also at a constant rate and then press pause. Redo it if you don’t feel you moved at a constant rate.

Describe the position time graph

Describe the velocity time graph

Describe the acceleration time graph

Press play and move the man faster and faster towards the house. Redo it if you don’t feel you moved at a constant rate.

Describe the position time graph

Describe the velocity time graph

Describe the acceleration time graph