



1. Markus and Ben want to go to the cinema.
 Markus left home at **10 am**. First, he went at a constant speed to meet Ben in his house. He **walked 1.2 km**, and it took him **20 minutes**. Then they decided to buy a light snack at the café. So, they walked to the café at the same speed  for **15 minutes**. and then walked at the uniform speed **1 km** to the cinema. They arrived at **11:00 am**.

- Label in the box which part of their journey is Distance and Displacement
- How far the café from Ben's Home, if the whole journey is 3 km

- How long was Markus's journey from Home to Cinema?

- Calculate Markus's Average Speed in m/s

- Calculate Markus's Average Velocity in m/s, knowing that between his home and cinema 800 metres.

- Plot the Distance -Time graph shows Markus's trip.

Speed- Distance - Time

