



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  
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- How long was Markus's journey from Home to Cinema?  
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- Calculate Markus's **Average Speed in m/s**  
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- Calculate Markus's **Average Velocity in m/s**, knowing that between his home and **cinema 800 metres**.  
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- Plot the **Distance -Time graph** shows Markus's trip.

Speed- Distance - Time

