



**1. How do you identify the waiting time? Which station has the longest waiting time?**

- We can identify the waiting time by the slope. If the slope of the graph is zero (the speed is 0 km/h), we can assume that the train is not moving and standing still, particularly at a station
- The longest waiting time is at the station Stuttgart with a waiting time of 5 minutes.

**2. What does the slope between the two stations tell you?**

- The slope in the graph shows that the train is moving and how fast it moves. The steeper the graph, the faster the train.
- Moreover, this allows us to read the distance covered by the train at a certain period (so there is a relation between the distance and the time). Therefore, We can calculate the speed of the train (in km/h) at a particular time