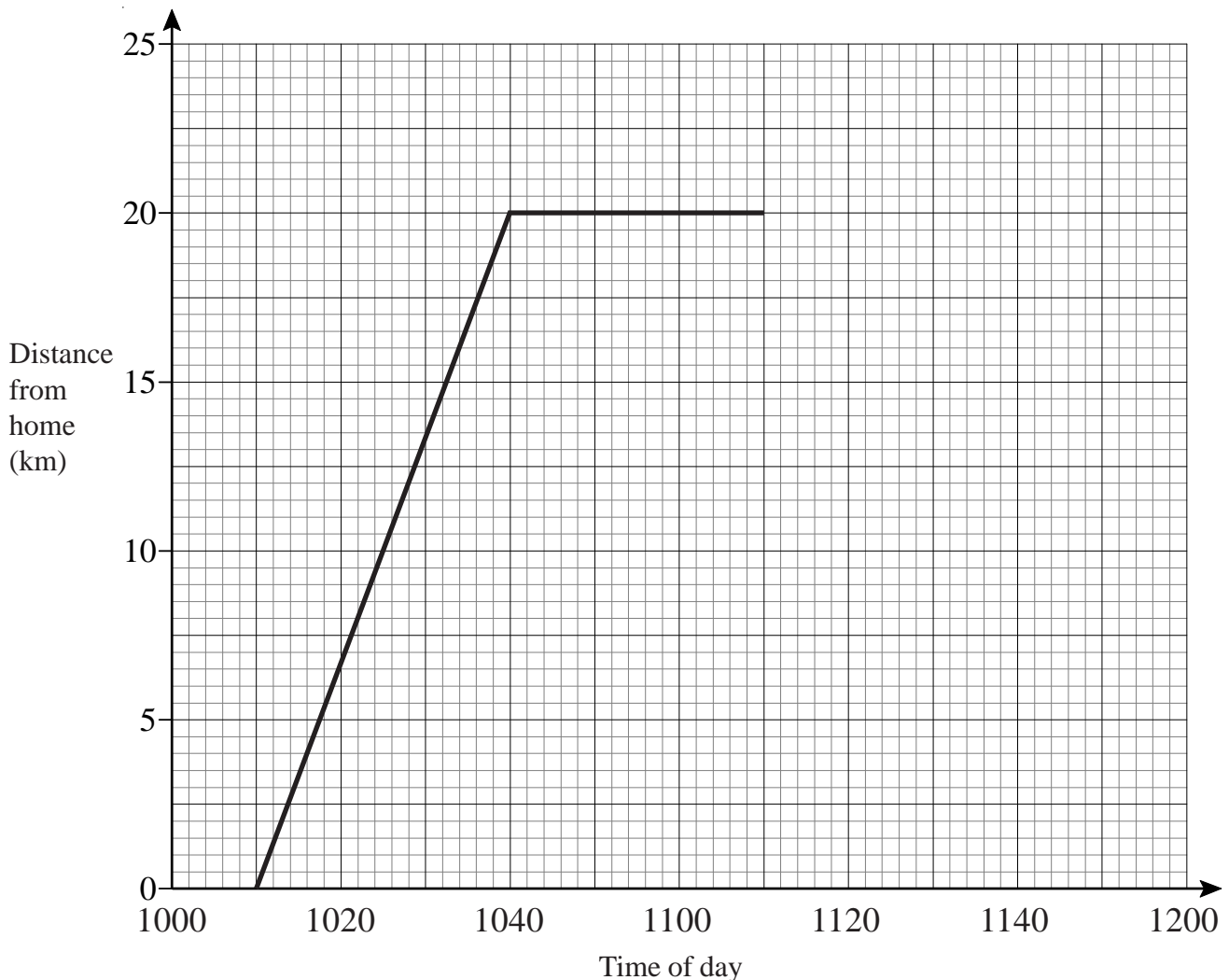


Distance-Time Graphs

- 1) Sarah travelled 20 km from home to her friend's house. She stayed at her friend's house for some time before returning home. Here is the travel graph for part of Sarah's journey.



- a) At what time did Sarah leave home?
 b) How far was Sarah from home at 1030?

Sarah left her friend's house at 1110 to return home.

- c) Work out the time in minutes Sarah spent at her friend's house.

Sarah returned home at a steady speed.

She arrived home at 1150

- d) Complete the travel graph.
 e) Work out Sarah's average speed on her journey from her home to her friend's house. Give your answer in kilometres per hour.
 f) Work out Sarah's average speed on her journey home from her friend's house. Give your answer in kilometres per hour.