

EXERCISE: INVERSE PROPORTIONALITY

Some friends take a trip.
They start from the same point and arrive in the same point, but with different means of transport.

Speed
(km/h)

Time
taken
(h)

10	92
30	35
40	27
60	17
90	10
110	9
130	7

TASK 1.

Complete the following table.

Speed (km/h)	Time taken (h)	Product = Speed·Time (km)	Average product (km)	Error on the average product (km)
10	92	—		
30	35			
40	27			
60	17			
90	10			
110	9			
130	7			

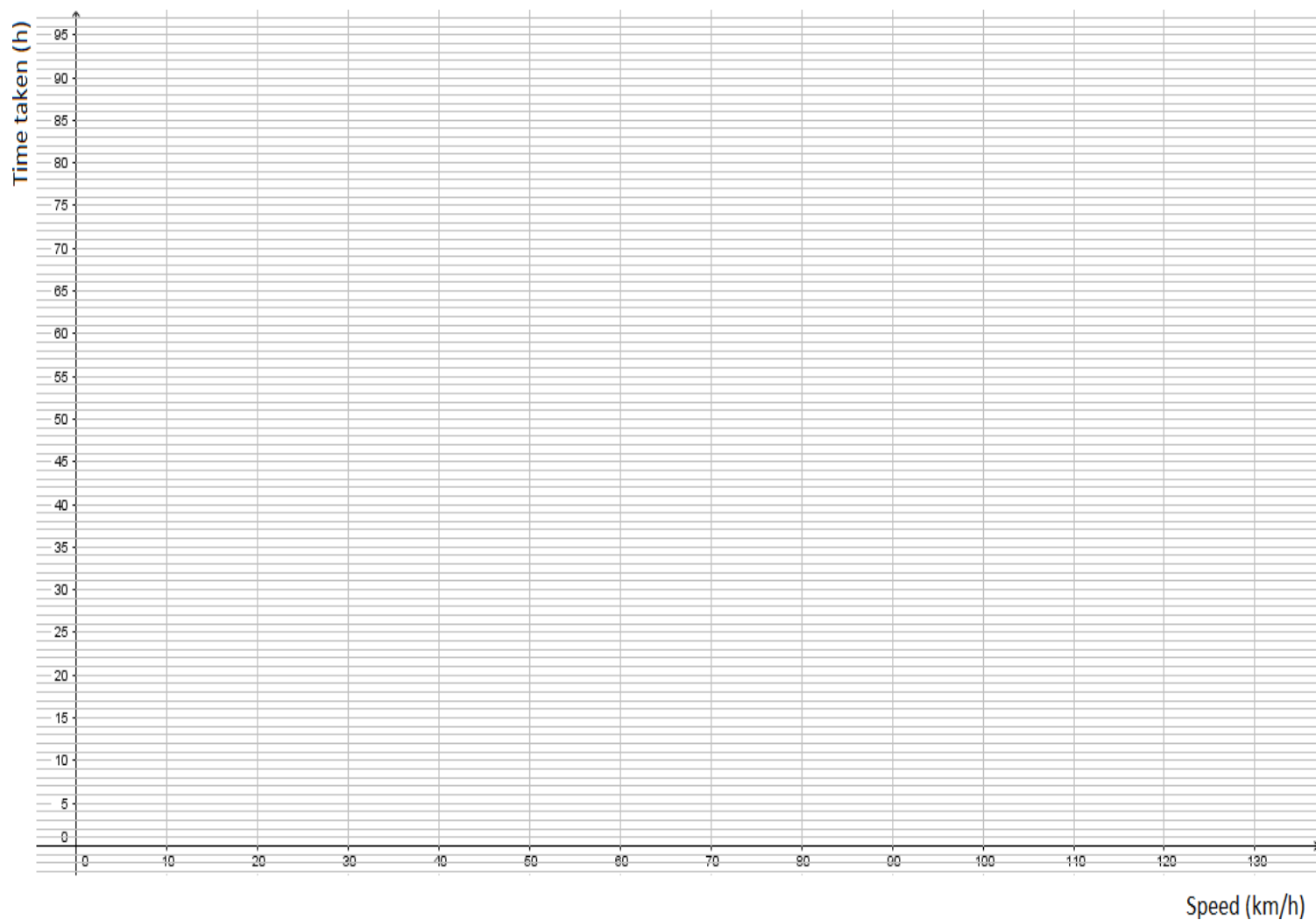
According to the table, can you say that speed and time are inversely proportional?

Why (not)?

What is the value of the proportionality constant you found from the table?

TASK 2.

Draw a graph with the data in the original table.



What kind of graph did you obtain?
