



# 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)?

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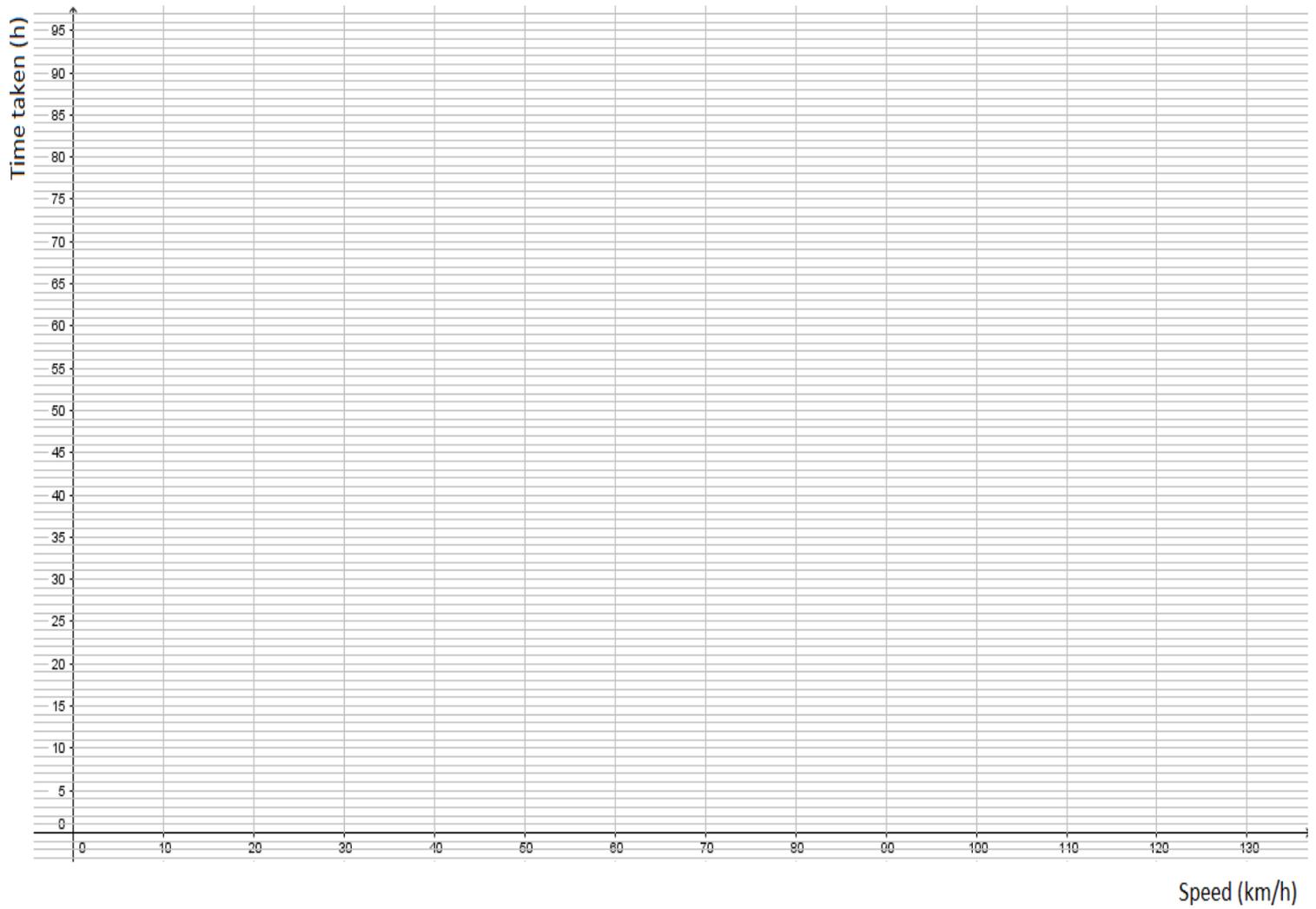
What is the value of the proportionality constant you found from the table?

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**TASK 2.**

Draw a graph with the data in the original table.



What kind of graph did you obtain?

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