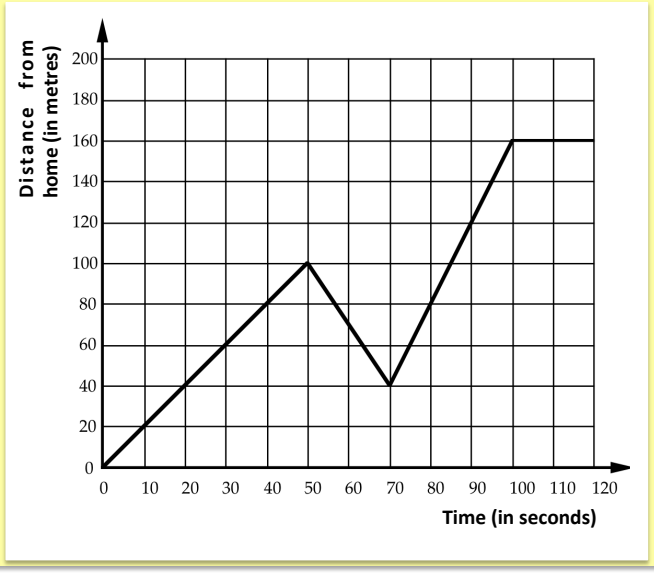
Worksheet 1

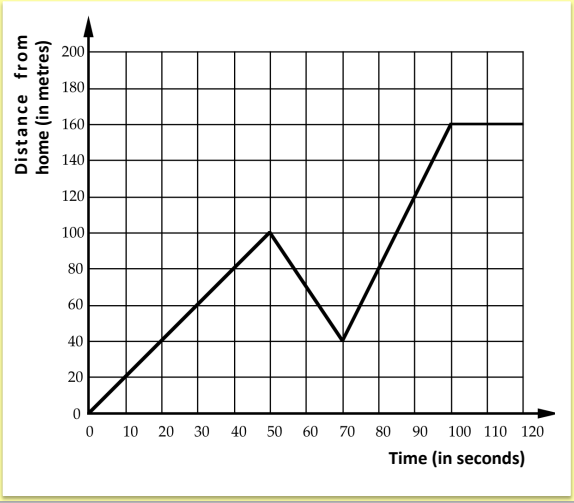
Every morning Tommaso walks along a straight road from his home to a bus stop, a distance of 160 meters. The graph shows his journey on one particular day.



(1) What happens in the period of time between 50s and 70s? How do you know it?

Worksheet 1A – Helping worksheet

Every morning Tommaso walks along a straight road from his home to a bus stop, a distance of 160 meters. The graph shows his journey on one particular day.



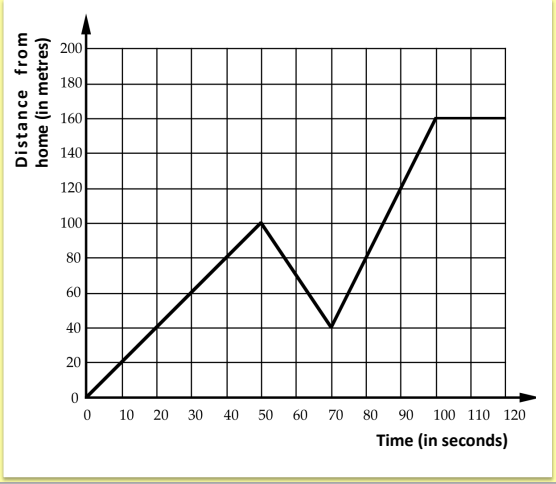
(1) What happens in the period of time between 50s and 70s? How do you know it?

Help to answer to question 1:

Remember that Tommaso is walking on a straight road.
What is his distance from home after 50s?
What is his distance from home after 70s?"

Worksheet 1B

Every morning Tommaso walks along a straight road from his home to a bus stop, a distance of 160 meters. The graph shows his journey on one particular day.



(1) What happens in the period of time between 50s and 70s? How do you know it?

<u>What is the correct answer</u>?

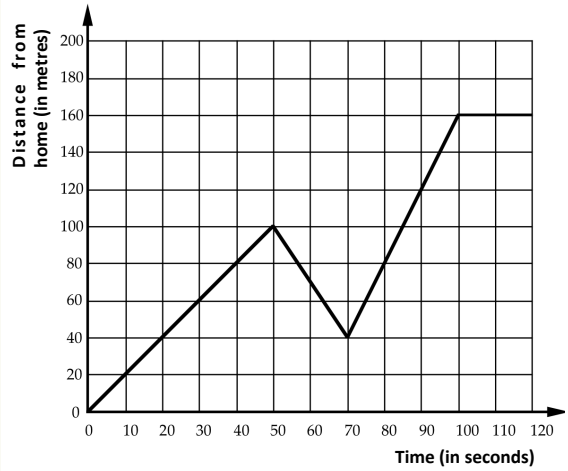
(a) In the period from 50s to 70s, Tommaso comes back.

(b) In the period from 50s to 70s, Tommaso changes his road.

(c) In the period from 50s to 70s, the road, on which Tommaso is walking, goes down.

Worksheet 2

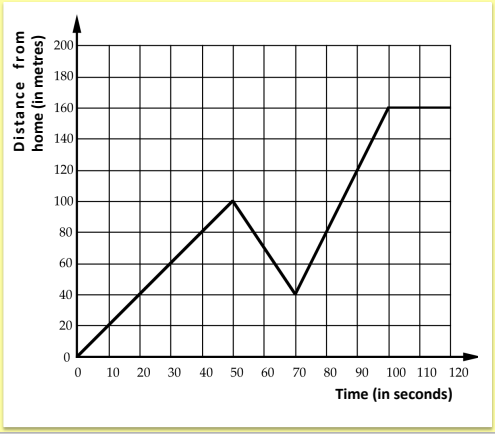
Every morning Tommaso walks along a straight road from his home to a bus stop, a distance of 160 meters. The graph shows his journey on one particular day.



(2) What happens during the last 20s? How did you establish it?

Worksheet 2A

Every morning Tommaso walks along a straight road from his home to a bus stop, a distance of 160 meters. The graph shows his journey on one particular day.



(2) What happens during the last 20s? How did you establish it?

(a) During the last 20s, Tommaso is not walking because we have already said that he has reached the bus stop.

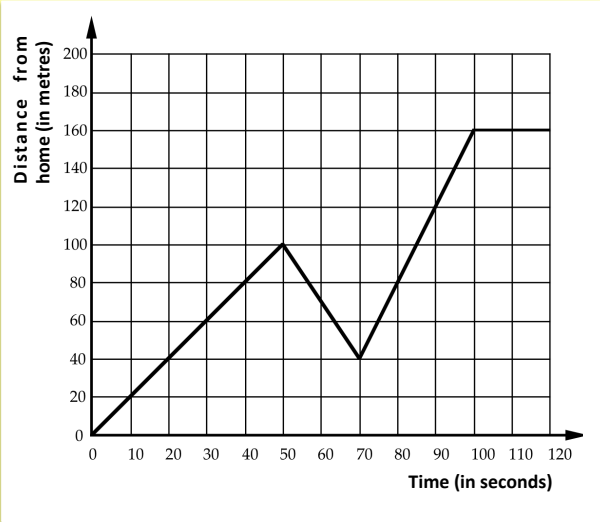
(b) I think that, during the last 20s, Tommaso is not walking because, from the graph, it is possible to understand that, in the period between 100s and 120s, he is always at the same distance from home, that is 160m.

(c) I understood that, during the last 20s, Tommaso is not walking because the line of the graph is horizontal.

Some students of another class wrote these answers. Which of them is the most complete?

Worksheet 3

Every morning Tommaso walks along a straight road from his home to a bus stop, a distance of 160 meters. The graph shows his journey on one particular day.



(3) After how many seconds does Tommaso reach the bus stop?

(a) After 120s;

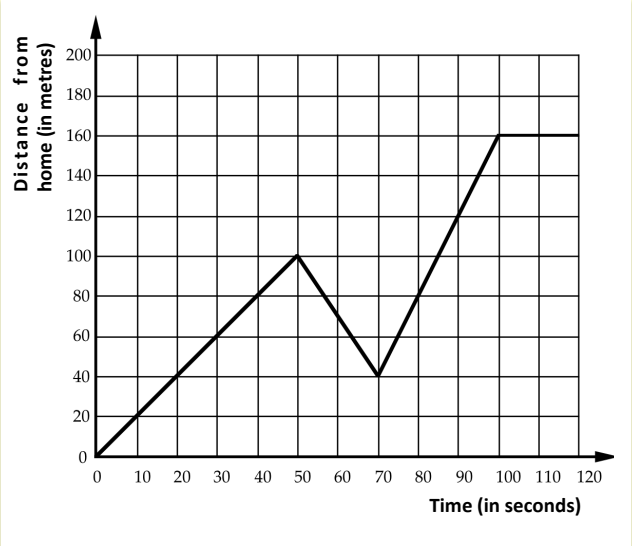
(b) After 50+70+100+120 seconds, that is after 340 seconds;

(c) After 100 seconds;

(d) After 50 seconds.

Worksheet 4

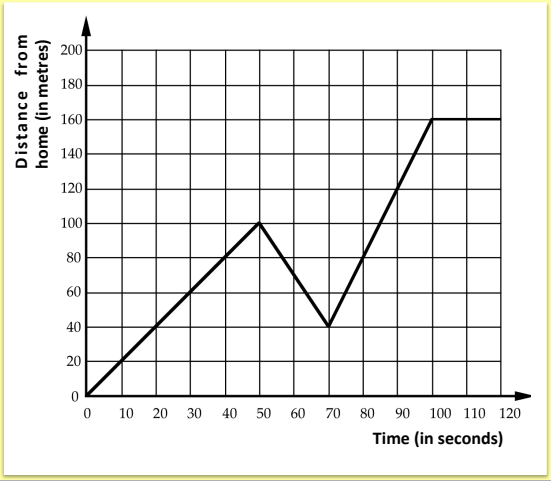
Every morning Tommaso walks along a straight road from his home to a bus stop, a distance of 160 meters. The graph shows his journey on one particular day.



(4) Does Tommaso walk for 160m? Why?

Worksheet 4A – Helping worksheet

Every morning Tommaso walks along a straight road from his home to a bus stop, a distance of 160 meters. The graph shows his journey on one particular day.



(4) Does Tommaso walk for 160m? Why?

Help to answer to question 4:

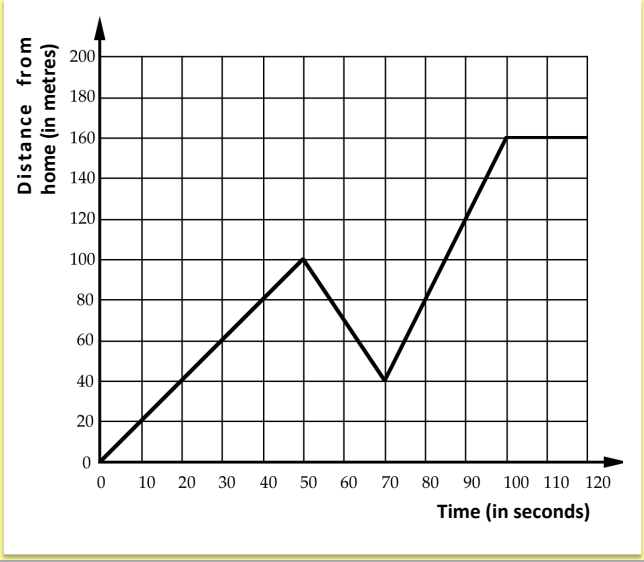
Analyse the graph and answer to the following questions:

a) What is the distance that Tommaso walked during the initial 50s?	**Answer:**
b) What is the distance that Tommaso walked in the period of time from 50s to 70s?	**Answer:**
c) What is the distance that Tommaso walked in the period of time from 70s to 100s?	**Answer:**
d) What is the distance that Tommaso during the last 20s?	**Answer:**

Answer to question 4:

Worksheet 5

Every morning Tommaso walks along a straight road from his home to a bus stop, a distance of 160 meters. The graph shows his journey on one particular day.



(5) After having answered to the questions in the previous worksheets, describe how Tommaso has walked on the road from his home to the bus stop. What could have happened to him?