1. Draw a line that represents the speeds given

km

200

150

100

50

0
     1   2   3   hours

75 km /h

m

40

30

20

10

0   5   10   15   sec

2 m /s

km

20

15

10

5

0   1   2   3   hours

10 km /h
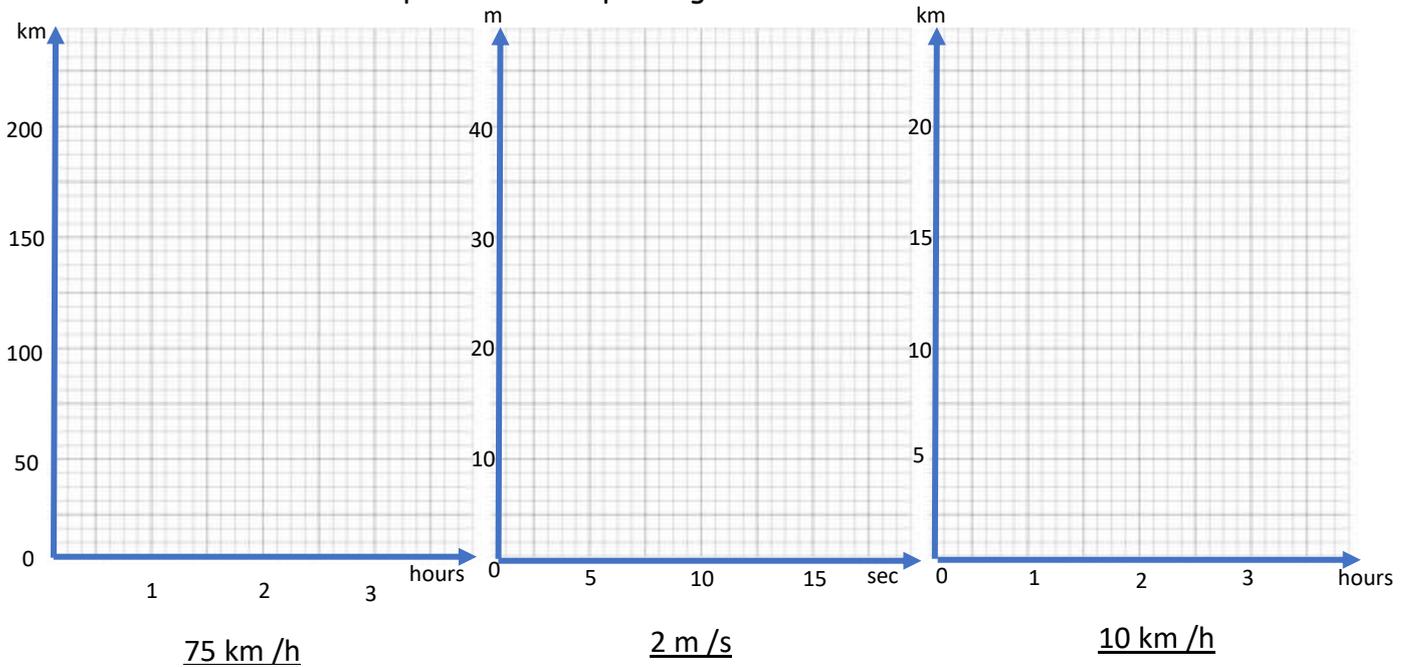
2. A bicyclist travels **15 km** for **1 hour**, then he stops for a break for **20 minutes**. After the break he continue for another **30 minutes** at a constant speed **20 km/h**. Draw the distance -time graph for the bicyclist.

km

40

30

20

10

0   0.5   1   1.5   2   hours
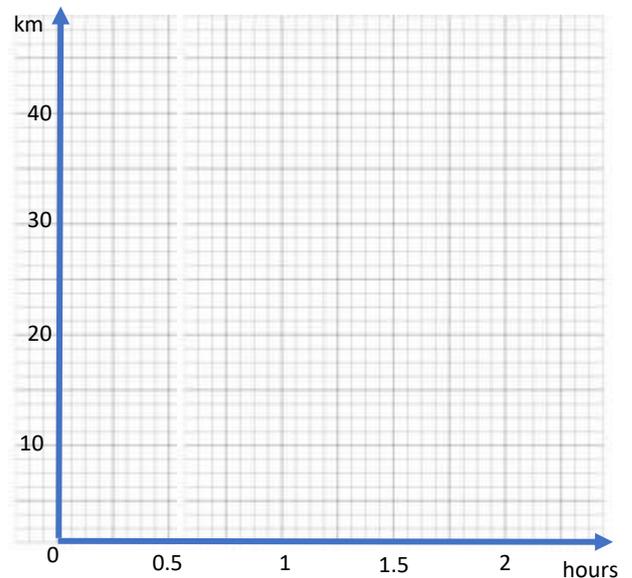
3. The man walks at the **constant speed 2 m/s** for **30 seconds**. He stopped at the café to buy a coffee for **1 minute**. Then he walked back at **1m/s**. Draw the **distance -time graph** for the bicyclist.

m

80

60

40

20

                              2.5

0   0.5   1   1.5   2   min