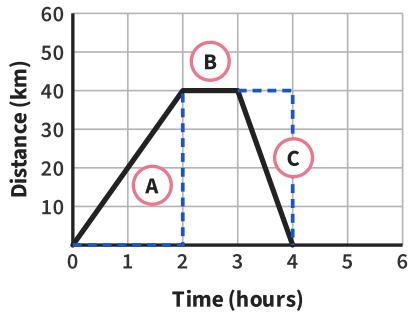


Distance-Time Graphs

1

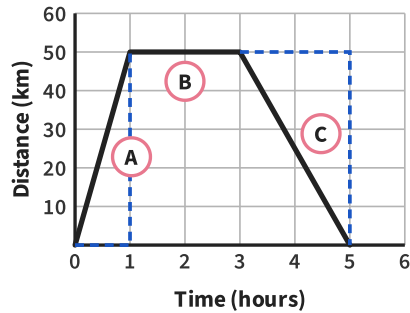
Complete the table.



	A	B	C
Time (h)	2	1	1
Distance (km)	40	0	40
Speed (km/h)	20	0	40

2

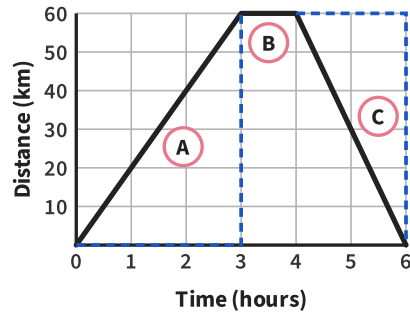
Complete the table.



	A	B	C
Time (h)	1	2	2
Distance (km)	50	0	50
Speed (km/h)	50	0	25

3

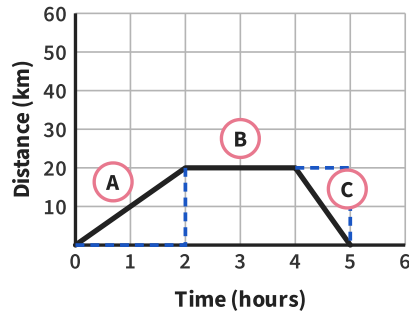
Complete the table.



	A	B	C
Time (h)	3	1	2
Distance (km)	60	0	60
Speed (km/h)	20	0	30

4

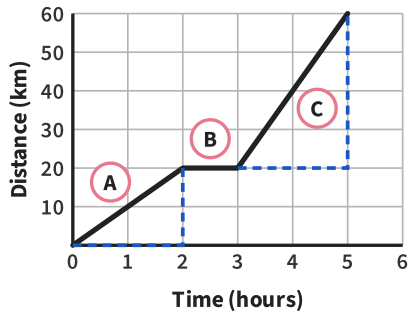
Complete the table.



	A	B	C
Time (h)	2	2	1
Distance (km)	20	0	20
Speed (km/h)	10	0	20

5

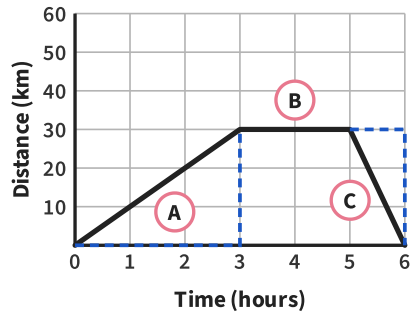
Complete the table.



	A	B	C
Time (h)	2	1	2
Distance (km)	20	0	40
Speed (km/h)	10	0	20

6

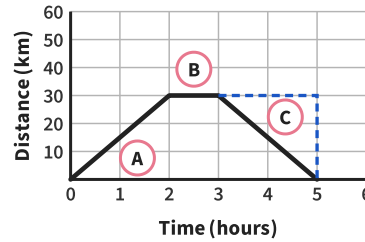
Complete the table.



	A	B	C
Time (h)	3	2	1
Distance (km)	30	0	30
Speed (km/h)	10	0	30

7

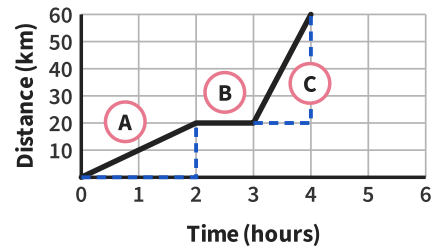
Ella cycles to a lake and back.
Work out her speed on the way home.



	C
Time (h)	2
Distance (km)	30
Speed (km/h)	15

8

Which part is the fastest?



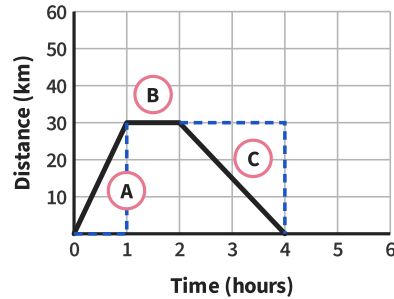
	A	B	C
Time (h)	2	1	1
Distance (km)	20	0	40
Speed (km/h)	10	0	40
Fastest: part	C		

Distance-Time Graphs *further practice*

ANSWERS

9

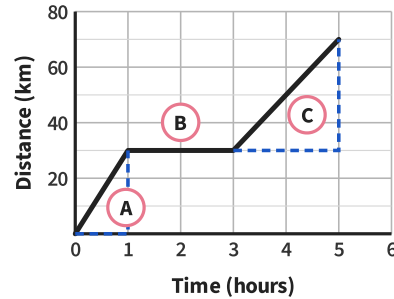
Complete the table.



	A	B	C
Time (h)	1	1	2
Distance (km)	30	0	30
Speed (km/h)	30	0	15

10

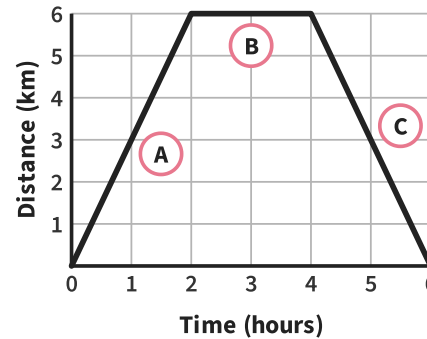
Complete the table.



	A	B	C
Time (h)	1	2	2
Distance (km)	30	0	40
Speed (km/h)	30	0	20

11

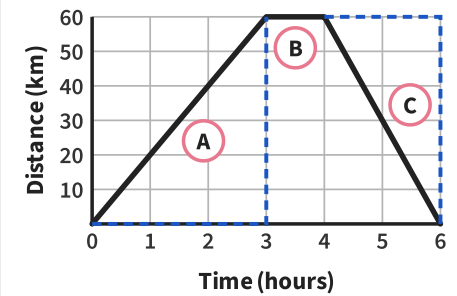
Kim walks to a shop and back.
How long is she at the shop?



B
Time (h) 2

12

Is Raj faster in part A or part C?

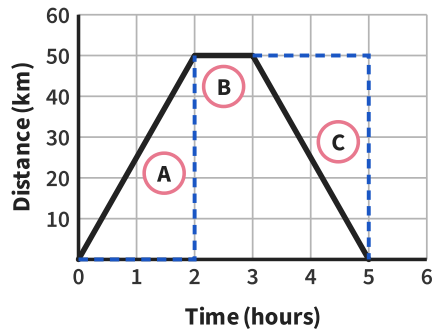


	A	C
Time (h)	3	2
Distance (km)	60	60
Speed (km/h)	20	30

Faster C

13

Ben drives to a farm and back.
How far does he drive altogether?

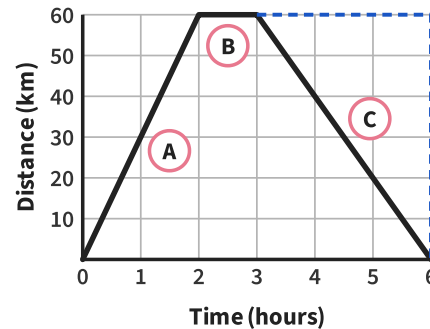


$$50 + 50 = 100$$

Answer 100 km

14

A bus goes to a town and back.
Work out its speed on the way back.

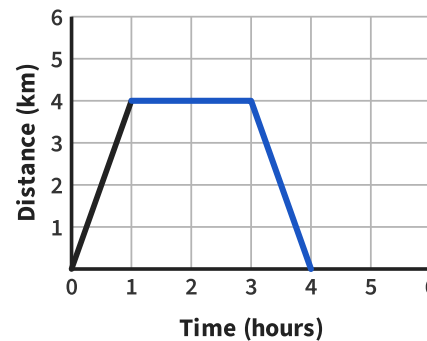


$$60 \div 3 = 20$$

Speed 20 km/h

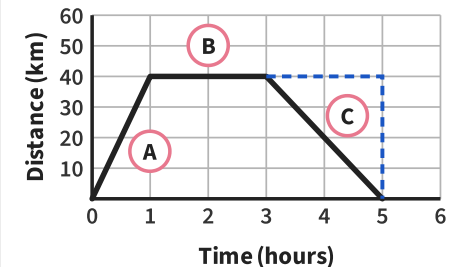
15

Lucy walks to the park.
She stays there for 2 hours.
Then she walks home in 1 hour.
Finish the graph.



16

Sam works out the speed in part C.
He writes $40 \div 5 = 8$ km/h.
What has he done wrong?



Sam should divide by 2, the hours

Right answer $40 \div 2 = 20$ km/h