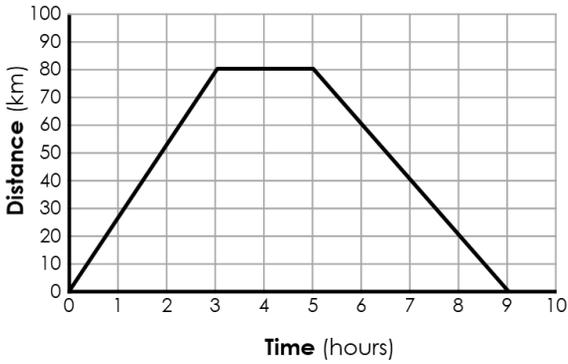


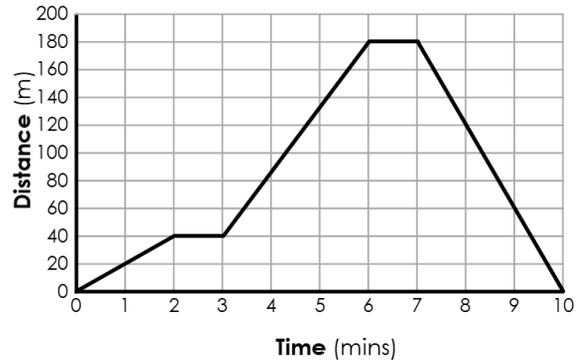
1. Use the distance time graphs to answer the questions

a. Delilah driving to and from work



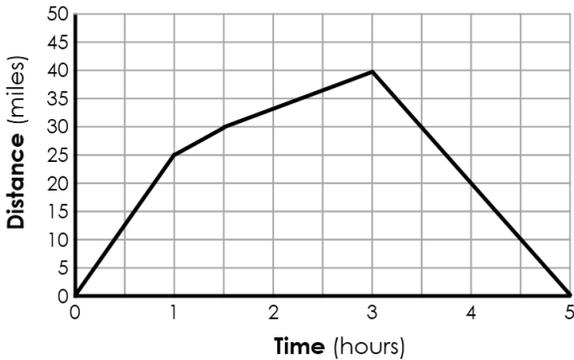
- i. How far does she travel in total?
- ii. How long does she spend at work?
- iii. How long does it take her to get to work?

b. Jedidiah walking his dog



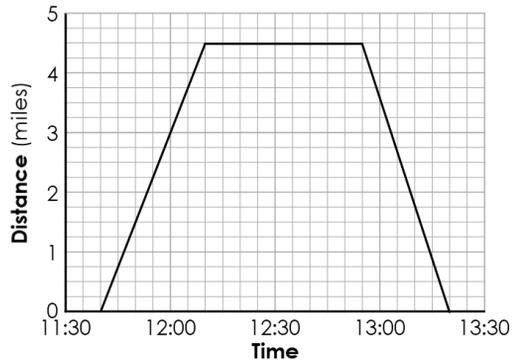
- i. How far has he walked after 5 minutes?
- ii. How long does he walk his dog for?
- iii. How many times does he stop?

c. Sam riding his bike



- i. How far does he travel in total?
- ii. How long did it take Sam to cycle 50 miles?
- iii. How far had Sam travelled in 2 hours?

d. Penelope walking to the shops



- i. What time does she leave home?
- ii. How long was she in the shops?
- iii. How long did it take to get home?

## 2. Use the information to draw the distance time graphs

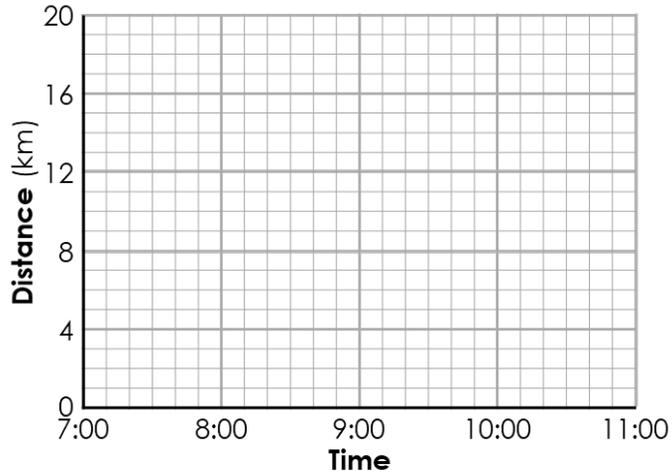
a.

Sally leaves the house at 7:00

She drives 12 km in 30 mins

She goes shopping for an hour

She gets back home at 10:20

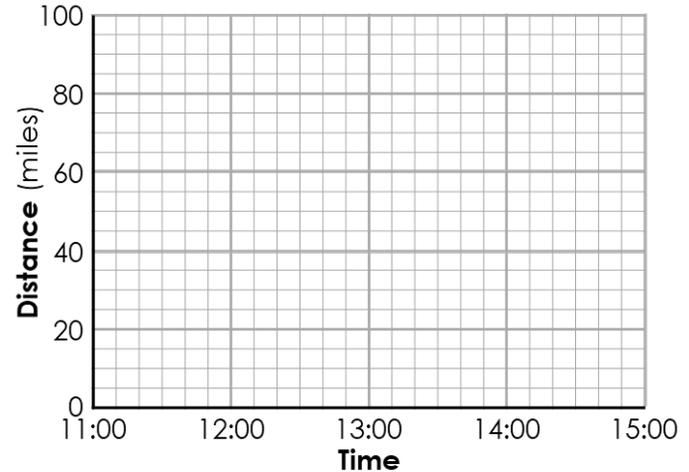


b.

Johnny leaves home at 11:40

He arrives at the restaurant, which is 50 miles away, at 12:30. He has lunch with his friends for 40 mins

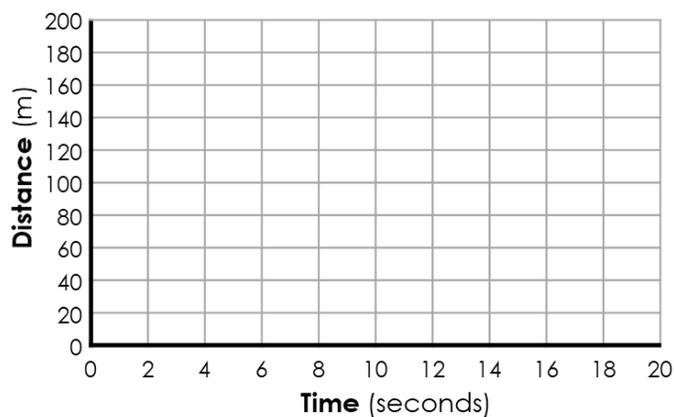
It takes him 30 mins to get home



c.

Tallulah drives 40 metres in 6 seconds until she arrives at a red light.

She waits for 4 seconds, before driving another 120 metres in 9 seconds.

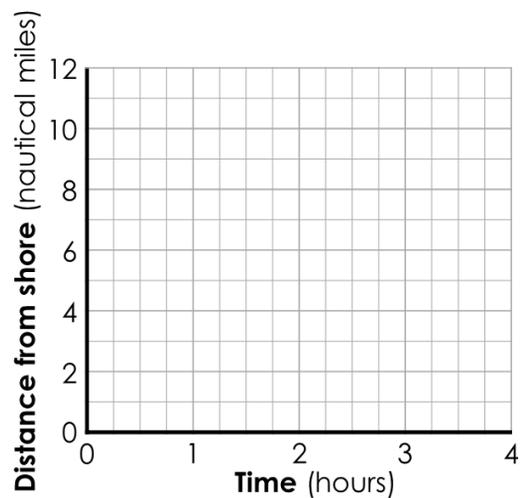


d.

A fishing boat travels 6 nautical miles in 45 mins

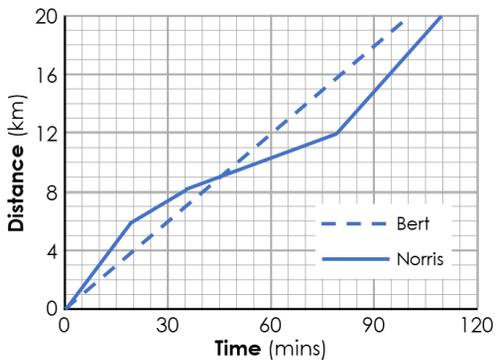
It anchors for one hour, before travelling another 5 nautical miles in 1 hour

It anchors for 30 mins before sailing for 45 mins back to shore



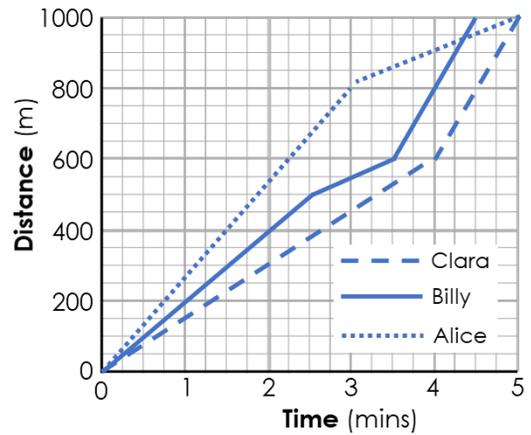
### 3. Use the distance time graphs to answer the questions

a.  
Bert and Norris are taking part in a race.



- i. Who was in the lead after 30 mins?
- ii. Who won the race, and by how much?
- iii. What happened 45 mins into the race?

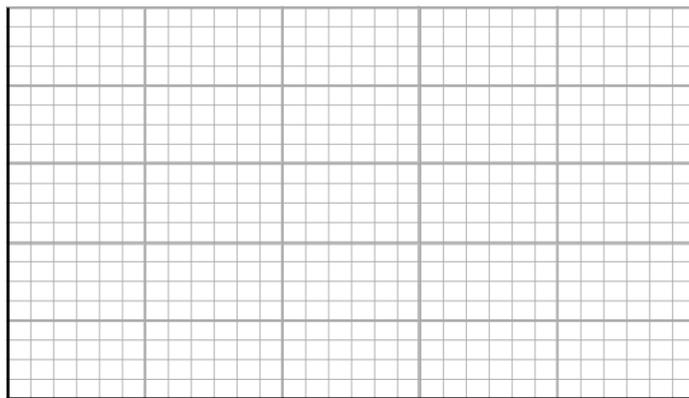
b.  
Alice, Billy and Clara ran a 1000m race



- i. Who won the race?
- ii. Describe Clara's race, giving as much detail as possible

c.  
Teddy leaves home at 13:00  
He drives 150 miles in 2 ½ hours  
Teddy stops for 30 minutes  
He then drives home in 1 hour 40 mins.

- i. Show this information on the distance time graph



- ii. A film starts at 5:45  
Does Teddy get home in time for the start?