1) a)

b)

| 07:00 a.m. - <br> 09:00 a.m. | $=$ | 07:00 p.m. - <br> 09:00 p.m. |
| :---: | :---: | :---: |

c)

| 12 p.m. - | $<$ | 12:00 a.m. - |
| :---: | :---: | :---: |
| 1:00 p.m. |  | 1:00 p.m. |

d)

2) a) The duration of the train to Birmingham is $\mathbf{1}$ hour $\mathbf{3 0}$ minutes.
b) The train journey to London is shorter than the journey to Manchester.
c) The train journey to Manchester is longer than the journey to Birmingham.
d) London $\longrightarrow$ Manchester $\rightarrow$ Birmingham.
3) a) $=\mathbf{2}$ hours 15 minutes
b) $=\mathbf{1}$ hour $\mathbf{3 0}$ minutes
c) $=\mathbf{2}$ hours $\mathbf{1 5}$ minutes
b) is the shortest duration of time.

1) a) 02:15 would be the best time to win a race out of the three times shown as it is the shortest time. Winning a race means your time is shorter/less/quicker than any other.
b) 02:30 would be the time to choose as you want to show the longest amount of time you can sprint for and 02:30 is the longest duration of time.
2) Although they set off at different times, their journey times were the same. Francis' journey lasted 35 minutes and so did Toby's.
3) 


+10 minutes +5 minutes +2 hours


1) Jim - 50 minutes to get round.

Anna - 50 minutes to get round.
Ramesh - 1 hour 20 minutes to get round.

Ramesh ran the cross-country course in the longest amount of time so he was the slowest.
As Jim and Anna both ran the distance in the same amount of time, they both ended up running the cross-country course in the shortest amount of time, which was 50 minutes.
2)


Total - 3 hours 15 minutes.


The difference between 2 hours 35 minutes and $\mathbf{3}$ hours 15 minutes $\mathbf{=} 40$ minutes.
3) There are a wide variety of number lines, including:


9 hours + 50 minutes + 25 minutes = 10 hours 15 minutes.

