

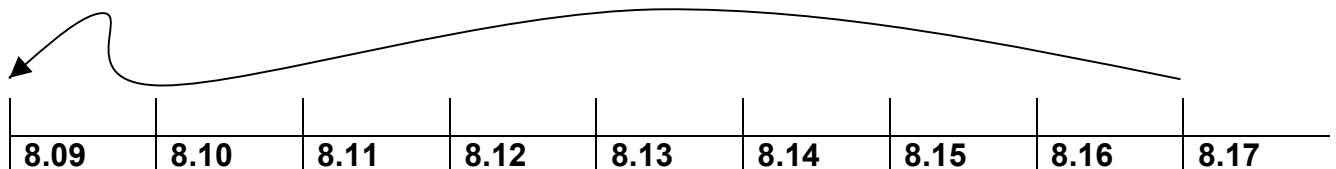


Time calculations - answers

1. It takes Sujatha 8 minutes to walk to the station and her train is due at 8.17.

What is the latest time she could leave the house?

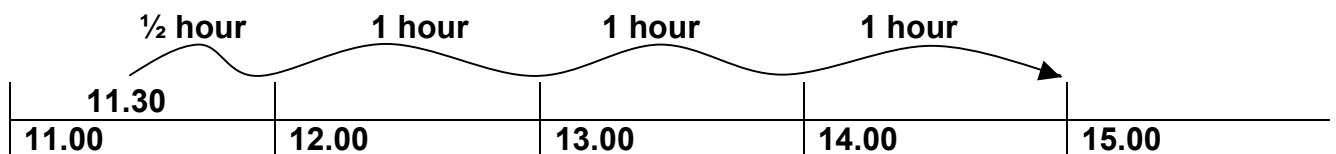
8.17 take off 7 gives 8.10 and take off 1 more leaves 8.09. **Leave before 8.09**



2. Lope wants to let her mum know what time she should be arriving at her house.

The journey takes about $3\frac{1}{2}$ hours and she plans to leave home at 11.30. What time should she tell her she hopes to arrive?

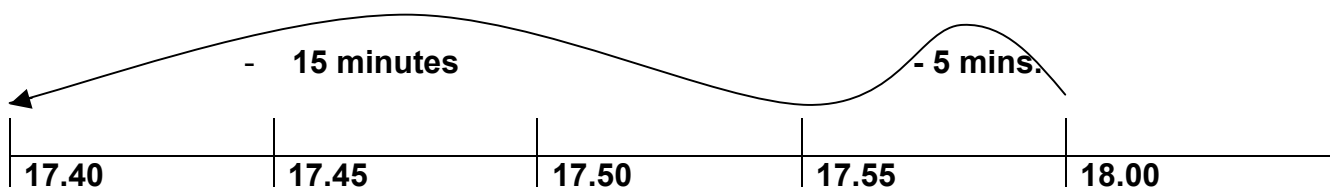
11.30 plus $\frac{1}{2}$ hour is 12.00 midday. Midday plus 3 hours is 15.00. **She will arrive after 15.00.**



3. Ami has a hair appointment at 18.00. It takes about 15 minutes to drive to the nearest car park and another 5 minutes to walk from the car park.

What is the latest time she could leave home to get there on time?

18.00 minus 5 minutes is 17.55. 17.55 minus 15 minutes is 17.40. **She should leave before 17.40.**



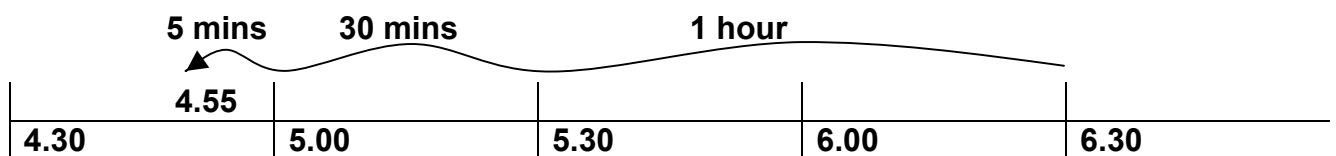


Time calculations - answers

4. Tony is going to Amsterdam tomorrow. His flight leaves at 6.30 and he needs to be there one hour before take off. The train journey to the airport takes 35 minutes.

What is the latest time he could catch a train to the airport?

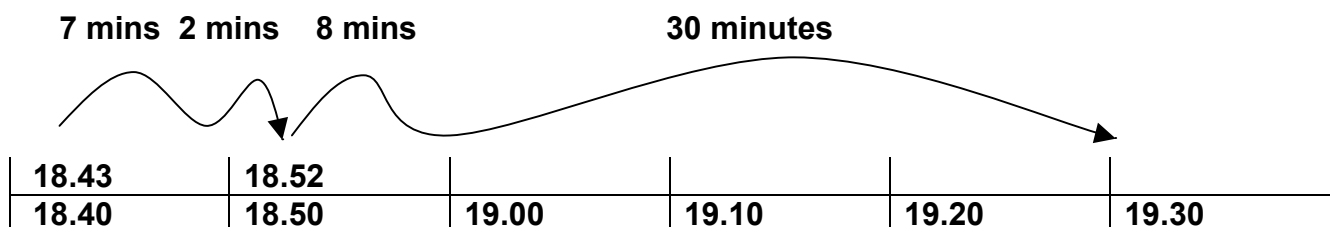
Tony needs to be at the airport one hour before 6.30, which is 5.30. Take off the train journey of 35 minutes - first take off 30 minutes and then the remaining 5 - ie $5.30 - 30$ minutes is 5.00, 5 minutes before is 4.55. **The last time is 4.55.**



5. Nil's train is due at his local station at 18.43. It takes him 9 minutes to walk home from the station. He then needs to go out at 19.30.

How long will he have to eat dinner and get ready before going out?

To find 18.43 plus 9 minutes, start with $18.43 + 7 = 18.50$, then add 2 more minutes to get to 18.52. This leaves 8 minutes to 19.00. Together with 30 minutes before leaving time, **this gives him 38 minutes.**



6. Natasha is cooking a chicken for dinner. It takes 1 hour and 45 minutes to cook. She puts it in the oven at 13.00.

What time should it be ready?

13.25 plus 1 hour is 14.25. 45 minutes is 5 minutes + 30 minutes + 10 minutes.
 $14.25 + 5$ minutes is 14.30, $14.30 + 30$ minutes is 15.00, plus 10 more minutes is 15.10.
The chicken will be ready at 15.10.



Time calculations - answers

