OGUN DIGICLASS

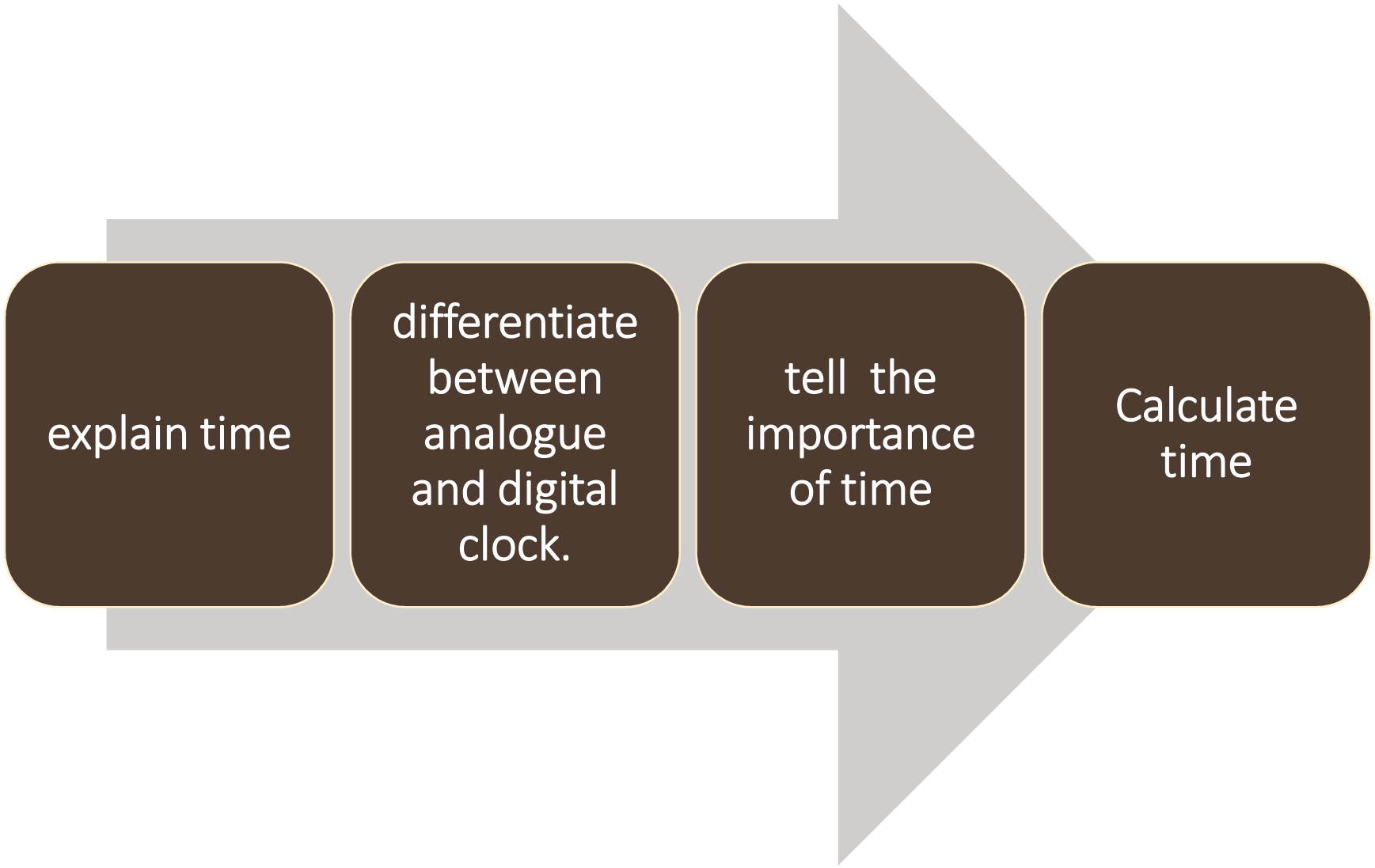
CLASS: PRIMARY SCHOOL

SUBJECT: MATHEMATICS

TOPIC: TELLING THE TIME

Telling the Time

Learning Objectives



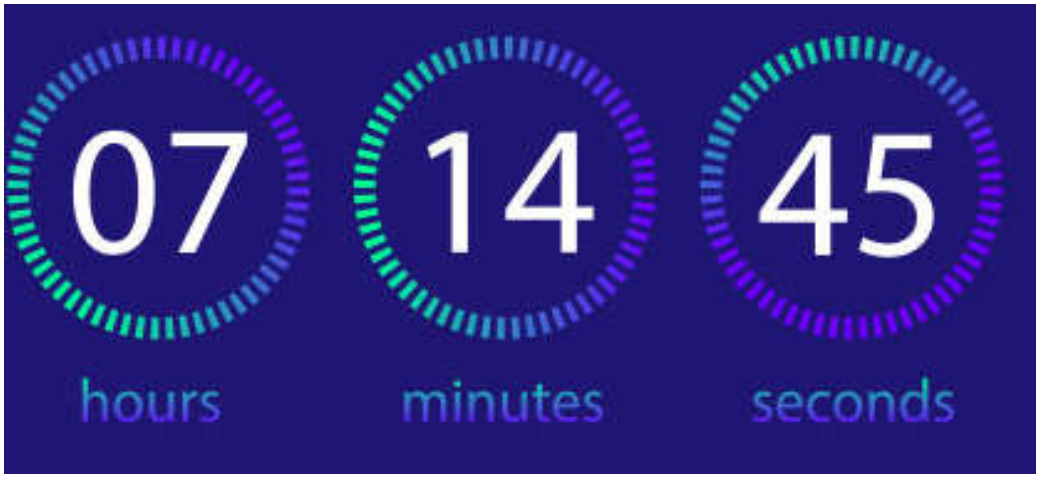
Definition of Terms

Time is a measure in which events can be ordered from the past through the present into the future,and also the measure of durations of events and the intervals between them.

Hour

Minute

Seconds



How many seconds are in a minute?

60

How many minutes are in an hour?

60

How many hours are in a day? 24

How many days are in a week?

Sunday

Monday

Tuesday

Wednesday

THURSDAY

Friday

Saturday

How many days are in a month?

**30 days has
September,
April, June and
November,
All the rest have 31,
Excepting February
alone.
Which only has but
28 days clear
And 29 in each leap
year**

**30 days has
September,
April, June, and
November.
All the rest have 31
but February's the
shortest one.
With 28 days most of
the time,
until Leap Year gives
us 29**

How many months in a year?

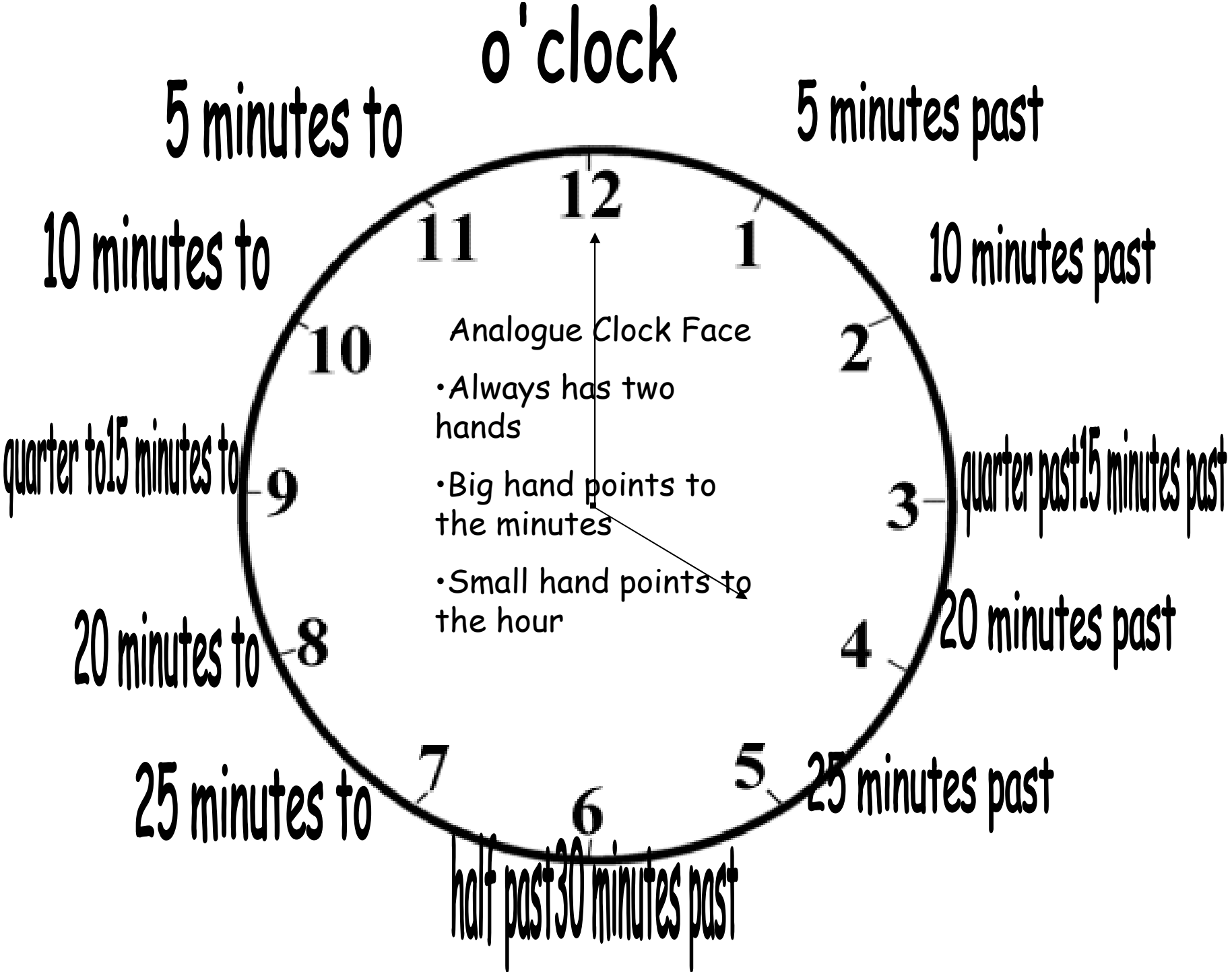
1. January
2. February
3. March
4. April
5. May
6. June
7. July
8. August
9. September
10. October
11. November
12. December

How many weeks in a year?

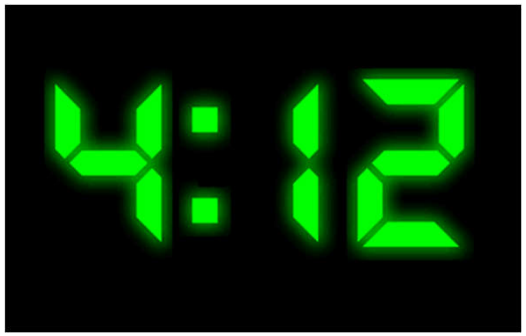
52

How many days in a year?

365


o'clock
5 minutes past
10 minutes past
quarter past15 minutes past
20 minutes past
25 minutes past
half past30 minutes past
25 minutes to
20 minutes to
quarter to15 minutes to
10 minutes to
5 minutes to
12
1
2
3
4
5
6
7
8
9
10
11
Analogue Clock Face
•Always has two hands
•Big hand points to the minutes
•Small hand points to the hour

Digital Clock

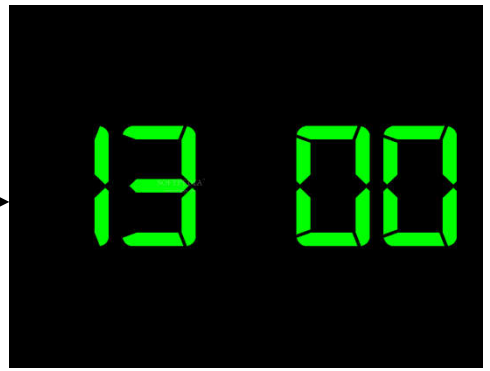


We read this time as:

12 minutes past 4 in the morning (am)

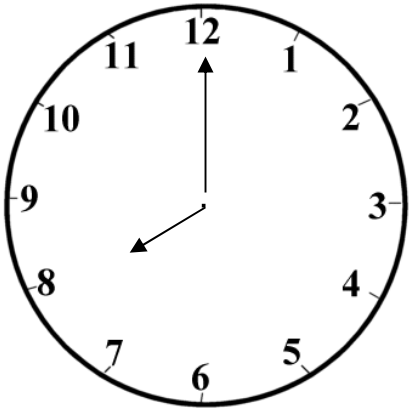
We read this time as:

1 o'clock in the afternoon (pm)



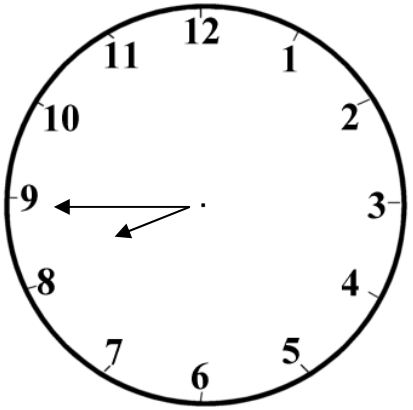
A Digital Clock shows the time in numbers. This clock shows the 24 hour time clock.

What time is it?



pm

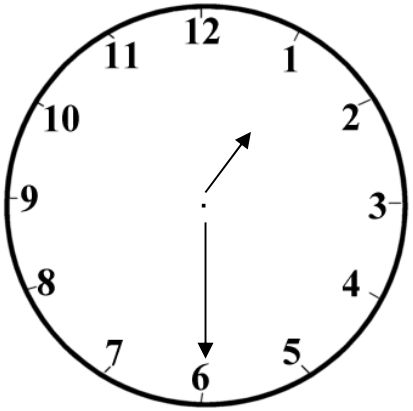
:



am

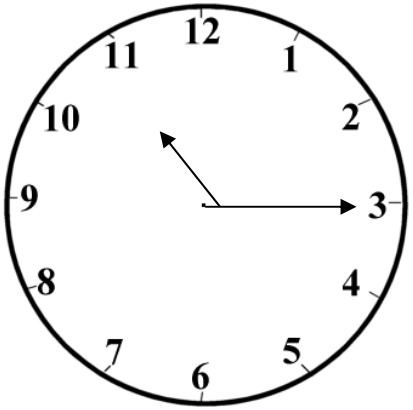
:

am



:

pm



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Timetables

How long does a journey take?

If you wish to find out how long a journey lasts, you need to know the **start time** and the **end time** of the journey.

e.g. Femi sets off on a journey. He leaves Lafenwa station on the train at 7:10 a.m.
His journey **starts** at **7:10 a.m**.

The train arrives at Ido station at 7:52 a.m.
His journey **ends** at **7:52 a.m**.

How long was Femi's journey?

To find out how long Femi's journey was, we need to work out **how many minutes have passed** from the start of the journey to the end of the journey.

Femi's journey **started** at 7:10 a.m.

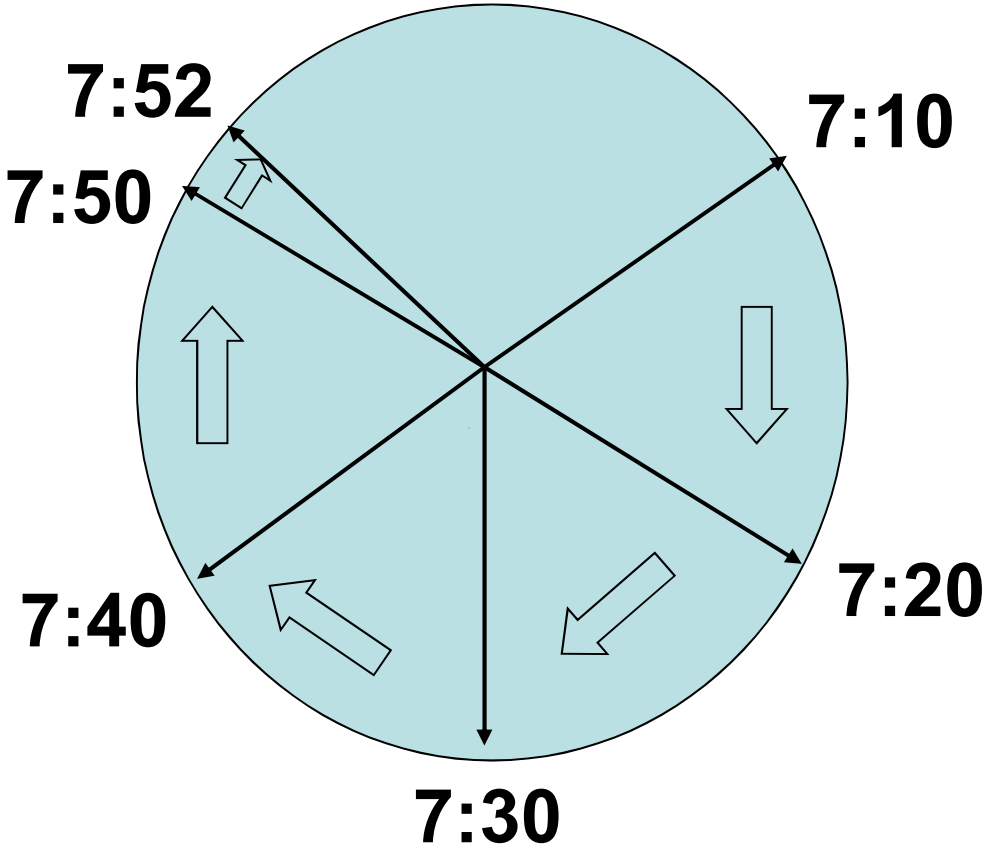
His journey **ended** at 7:52 a.m.

How many minutes do we have to **count on** from 7:10 to get to 7:52?

Count the minutes?

Time taken =

42 minutes



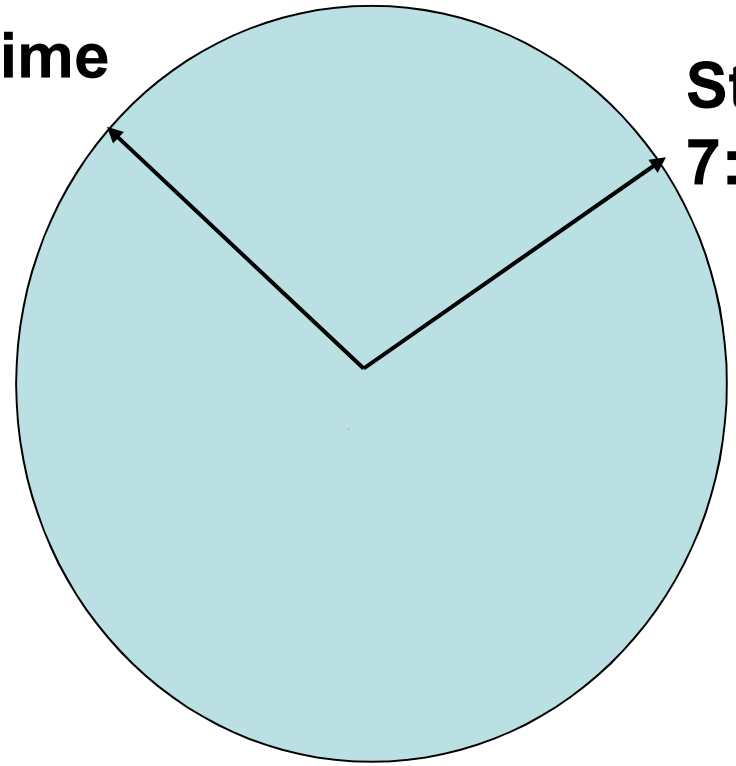
We have counted on **42** minutes from the **start** of Femi's journey to the **end** of Fred's journey.

Count the minutes?

We could also calculate Femi's journey time, by by taking the start time, **10**, from the end time, **52**.

End Time
7:52

Start time
7:10



7:52 – 7:10 =

42 minutes

Work out how long these journeys take.

Station	Departure time
Lafenwa	07:10
Elega	07:15
Iberekodo	07:30
Isale igbeyin Junction	07:40
Adatan	07:50

How long does it take to get from Lafenwa to Elega

How long does it take to get from Iberekodo to Adatan

How long does it take to get from Elega to Adatan

What if the hours are different?

Its not too difficult to calculate the length of a journey if we only have to compare the minutes. But what if the hours are different as well?

Femi sets off on another journey and **leaves** Isale igbeyin at **9:50 a.m**.

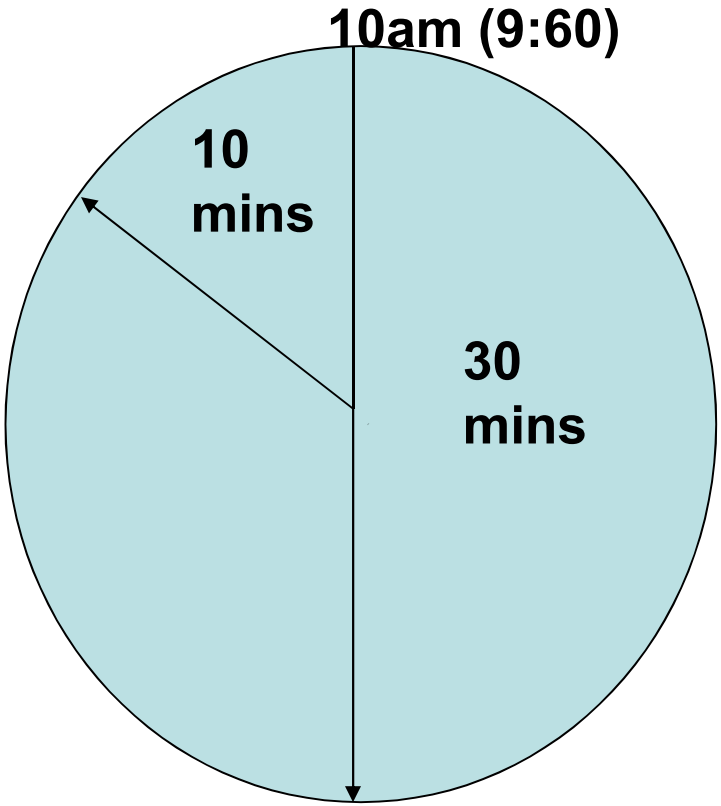
The taxi **arrives** at Adatan at **10:30 a.m**.

What if the hours are different?

To find out the length of the journey, we can simply count on the number of minutes from **9:50am to 10:00am**…

….and then count on from **10:00am to 10:30am**.

Start time 09:50



10 mins
30 mins +
40 mins

What if the hours are different?

Start time **9:50 a.m**.
End time **10:30 a.m**.

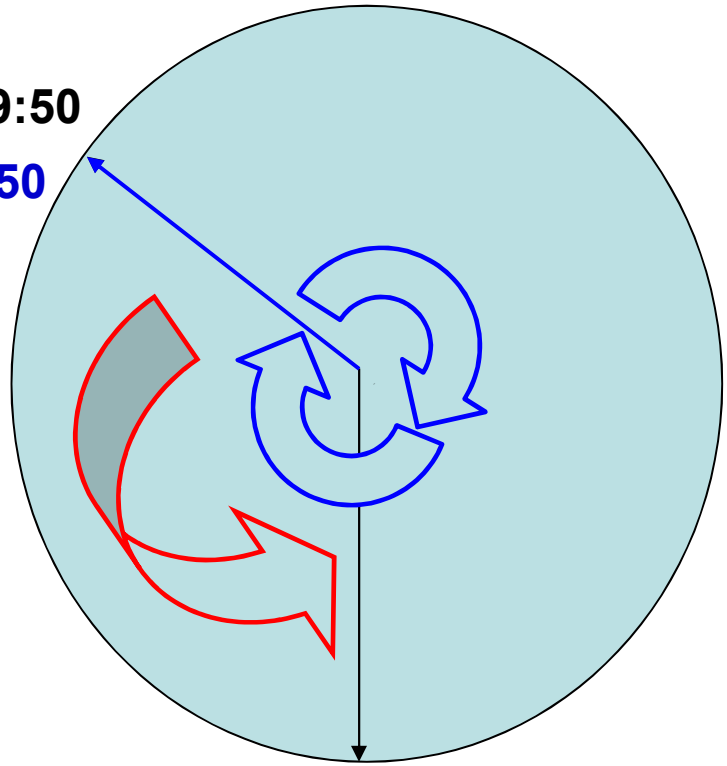
This calculation can be shown in writing below.

9:50am → 10:00am = 10 minutes
10:00am → 10:30am = 30 minutes
40 minutes

Another way of solving the problem?

Another way of calculating the duration of Femi's second journey is to count on a whole hour, **9:50am to 10:50am**..

….and then adjust the minutes back to the **end time 10:30am**.



60 mins
- 20 mins
= 40 mins

Another way to calculate the duration of a journey?

This can be set out in writing as follows:

9:50am → 10:50am = 1 hour (which is 60 minutes)

(Adjust) 10:50am → 10:30am = 20 minutes

40 minutes

Importance of time

a) it helps us to make a good habit of organizing and structuring our daily activities.

b) it helps us to value time. i.e time lost can never be regain

c) As student, it helps you to study with focus.

Work out how long these journeys take.

Station	Departure time	
Sapon	07:35	
Onikolobo	08:05	
Ibara	08:30	
Eleweran	09:25	
Oke mosan	10:15	

How long does it take to get from sapon to ibara

How long does it take to get from Sapon to eleweran?

How long does it take to get from Salon to okemosan?