

SESSION : 8
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 10
CHAPTER NAME : TIME
SUBTOPIC : HOURS AND MINUTES

CHANGING YOUR TOMORROW

TIME

HOURS AND MINUTES



- The minute hand takes 60 minutes to complete one round on the clock. So, 1 hour = 60 minutes.
- There are 60 seconds in one minute and 60 minutes in one hour.
- To convert from hours to minutes and minutes to seconds, you multiply by 60.

TIME

HOURS AND MINUTES

FORMULA TO REMEMBER

1 HOUR = 60 MINUTES

TIME

HOURS AND MINUTES

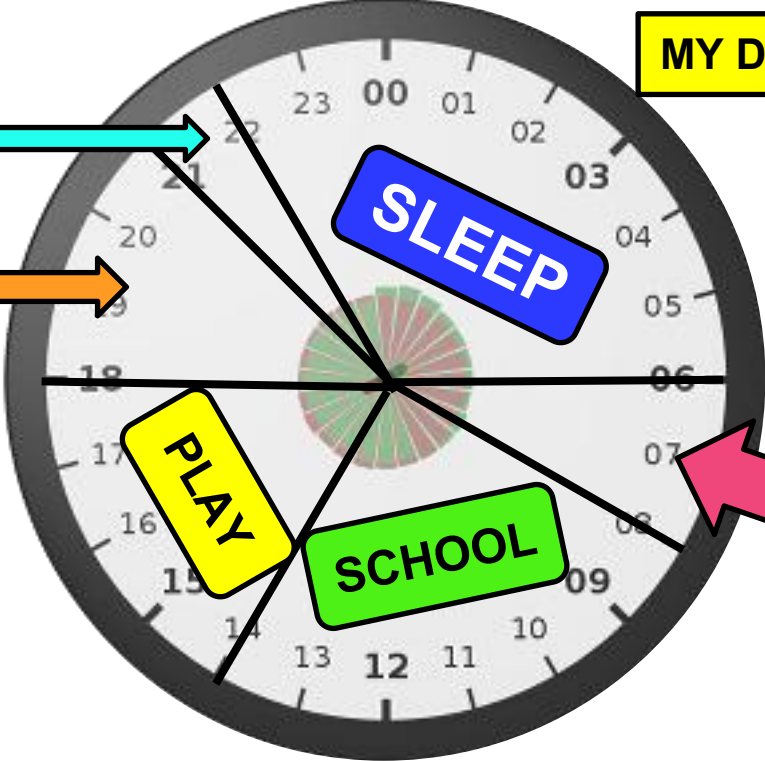
Lets recapitulate through an activity

MY DAILY TIME TABLE ACTIVITY

WATCH T.V



DO HOMEWORK



GET READY FOR SCHOOL

Now tell me in minutes how long do I take to do each activity.

TIME

HOURS AND MINUTES

SLEEP

10 P.M. to 6 A.M.

8 hours

Since 1 hour = 60 minutes

so, 8 hours = 8×60 minutes
= 480 minutes

GET READY FOR SCHOOL

6 A.M. to 8 A.M.

2 hours

Since 1 hour = 60 minutes

so, 2 hours = 2×60 minutes
= 120 minutes

TIME

HOURS AND MINUTES

SCHOOL

8 A.M. to 2 P.M.

6 hours

Since 1 hour = 60 minutes

so, 6 hours = 6×60 minutes
= 360 minutes

PLAY

2 P.M. to 6 P.M.

4 hours

Since 1 hour = 60 minutes

so, 4 hours = 4×60 minutes
= 240 minutes

TIME

HOURS AND MINUTES

DO HOMEWORK

6 P.M. to 9 P.M.

3 hours

Since 1 hour = 60 minutes

**so, 3 hours = 3×60 minutes
= 180 minutes**

WATCH T.V

9 P.M. to 10 P.M.

1 hour

Since 1 hour = 60 minutes

**so, 1 hour = 1×60 minutes
= 60 minutes**

TIME

HOURS AND MINUTES

SOLVED EXAMPLE

Hours, minutes into minutes

7 hours 20 minutes

Since 1 hour = 60 minutes

so, 7 hours = 7×60 minutes

= 420 minutes

Thus, 7 hours and 20 minutes = 420 minutes + 20 minutes

= 440 minutes

TIME

HOURS AND MINUTES

**Exercise-10 E Q. No C, D and E
book page - 130
in the notebook.**



MATHS

TIME

HOURS AND MINUTES

C. A match lasts for 4 hours 30 minutes. What is the duration of the match in minutes?

ANS. The duration of the match is

= 4 hours 30 minutes

Since 1 hour = 60 minutes

so, 4 hours = 4×60 minutes = 240 minutes

Thus, 4 hours and 30 minutes = 240 minutes + 30 minutes

= 270 minutes

So, the duration of the match in minutes is 270 minutes.

TIME

HOURS AND MINUTES

D. After 6 days I will go to my uncle's house. How many hours I need to wait before?

**ANS. I need to wait to go to my uncle's house
= 6 days**

Since 1 day = 24 hours

so, 6 days = 6×24 hours

= 144 hours

Thus, I need to wait for 144 hours before I will go to my uncle's house.

TIME

HOURS AND MINUTES

**E. I study mathematics for 1 hour 30 minutes daily.
How many minutes do I study mathematics daily?**

ANS. The duration I study mathematics daily

= 1 hour 30 minutes

Since 1 hour = 60 minutes

Thus, 1 hour and 30 minutes = 60 minutes + 30 minutes

= 90 minutes

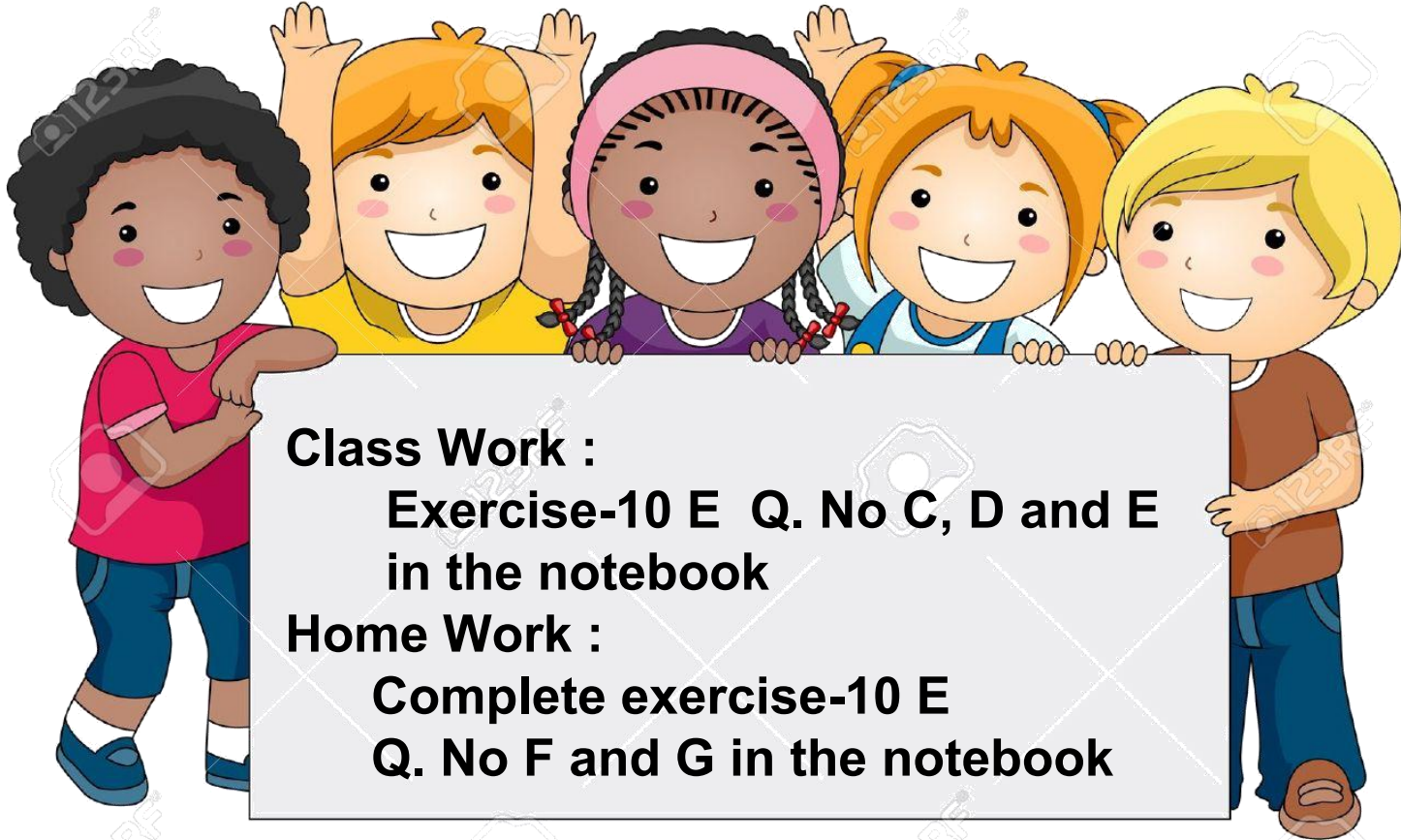
So, the duration I study mathematics daily is 90 minutes.

LEARNING OUTCOME:

Children will be able to
*** Convert hours into minutes.**

TIME

HOURS AND MINUTES



THANKING YOU
ODM EDUCATIONAL GROUP