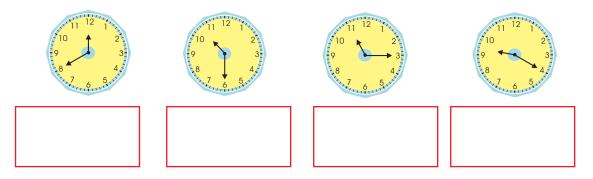
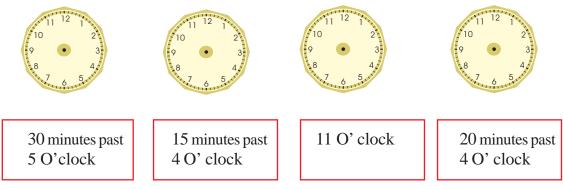
Unit 7 Time

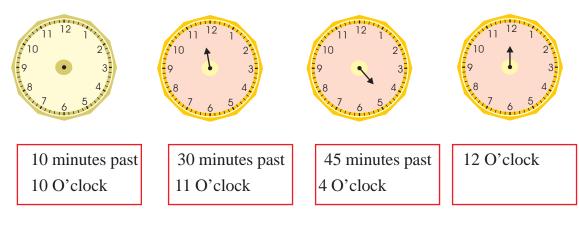
Look at the pictures and tell the time:



Draw the needle of the clocks for the given time



The hours needle is drawn in the clock. You draw the minute needle



64

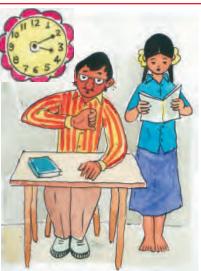
It is going to be 10 O'clock. Don't you have to go to school.



It is going to be 10 O'clock. We will play kho kho in the recess.



It is already 3 O'clock. 7 th period has not started yet.



Oh it is already 6 O'clock. I have not gone to play till now.



How much time do you take to do these works :



Eating food



Offering prayer in school -

(65)

Mathematics - 4





Playing in the evening -

In taking bath —————

How much time do you take to do these activities ?

	By guess	Actual
Time taken in eating food		
Time taken in offering prayer		
Playing in the evening		
In taking bath		
In wearing your shoes		
Put a (\checkmark) sign on the time which	IT TOOK	1 hour 20 s to reach

2 hours & 30 minutes170 minutes70 minutes1 hour5 hours & 25 minutes350 minutes1 hour 40 minutes140 minutes

Oh! I have reached only in 80 minutes.

Change and write

2 hours =	120 minutes
1 hour & 10 minutes $=$	
=	130 minutes

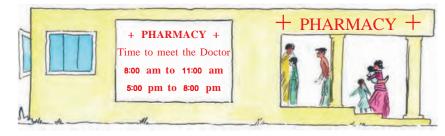
=

2 hours & 50 minutes =

90 minutes

66)

There are several ways to tell the time which are different from these ways. You can see one way on the board.



Do you know the meaning of $\operatorname{am} \operatorname{and} \operatorname{pm}$

Lets See.

1.	12 O'clock in the daytime	afternoon or noon
2.	12 O'clock in the afternoon to 12 O'clock in the midnight	pm
3.	12 O' clock in the midnight	midnight
4.	12 O'clock in the midnight to 12 O'clock in the afternoon	am

a.m. is called ante meridiem and

p.m. is called post meridiem.

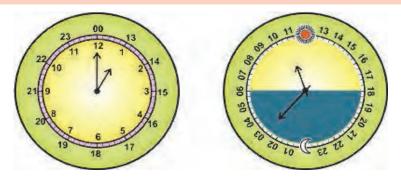
Write the time in am and pm

5:30 in the morning	=	5.30 am
6.15 in the evening	=	6.15 pm
10.00 at night	=	•••••
8.45 in the morning	=	•••••
4.00 in the evening	=	4.00
11 in the morning	=	•••••
8.30 in the evening	=	•••••
2.30 in the afternoon	=	2.30
11.15 at night	=	•••••

See and understand:

Football match started at 9.00 am	A train starts from Raigarh at
And ends at 11.00 am	6.00 PM and reaches Raipur in
Tell how much time it took to complete	5 hours. At what time the
the match?	train reaches Raipur ?
From 9.00AM to 11.00am	From 6.00AM + 5 hours
= 11.00 - 9.00 = 2 hours	$6.0 + 5.00 = 11.00 \mathrm{AM}$
Therefore it took 2 hours to complete the match	Therefore the train reaches Raipur At 11.00 AM

Mathematics - 4



Are these watches like your watch? Can time be known (seen) from these?

Watches like thses are known as 24 hours watches.

Time according to you watch (12- hours watch)	Time according to 24 hour watch
1:00 o'clock in the afternoon	13: 00 o'clock
2: 00 o'clock in the afternoon	14: 00 o'clock
3: 30 o'clock in the afternoon	15: 30 o'clock
6: 00 o'clock in the evening	18: 00 o'clock
9:00 o'clock at night	21: 00 o'clock

Now answer -

Time according to	Time according to 24 hour watch
(12- hours watch)	
1: 30 o'clock in the afternoon	
3: 00 o'clock in the afternoon	
5: 45 o'clock in the evening	
7:00 o'clock in the evening	
10: 00 o'clock at night	
12: 00 o'clock at night	

Practice

- 1. Nehas school starts at 7.00 am and gets over at 11.00 am. Tell for how much time the school runs ?
- 2. A bus starts from Ambikapur at 4.00 am and reaches Jashpur in 7 hours. Tell at what time the bus reaches Jashpur ?
- 3. A drama starts at 8.00 pm and ends at 11.00 pm. Tell for how much time did the drama continue ?
- 4. Suniti starts her homework at 6.20 pm and completes it by 8.20 pm. Tell how much time did Suniti takes to complete her homework ?

The calendar for the month of January is given.

Please go through it and answer the questions given below :

	3.	anua	i y 21	N13	
Sun		4	11	18	25
Mon		5	12	19	26
Tue		6	13	20	27
Wed		7	14	21	28
Thu	1	8	15	22	29
Fri	2	9	16	23	30
Sat	3	10	17	24	31

- 1. In January 2009 which are the dates that come on Monday ?
- 2. The first Sunday is on 4th January, what will be the date of second Sunday
- 3. The third Wednesday is on 21 th., January, then what was the date on second Wednesday?
- 4. In this month which day comes four times ?
- 5. In this month which day comes five times ?
- 6. In this month which day comes three times ?
- 7. In this month which day comes six times ?
- 8. Can any day come 3 or 6 times in a month?

Mathematics - 4

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		जन	वरी					फर						н	ार्च		
रवि		7	14	21	28	रवि		4	11	18	25	रवि		4	11	18	25
सोम	1	, 8	15	22	29	सोम		5	12	19	26	सोम		5	12	19	26
मंगल	2	9	16	23	30	मंगल		6	13	20	27	मंगल		6	13	20	27
बुध	3	10	17	24	31	बुध		7	14	21	28	बुध		7	14	21	28
ु गुरू	4	11	18	25	21	ु गुरू	1	, 8	15	22	20	ु गुरू	1	, 8	15	22	29
शुक्र	5	12	19	26		शुक्र	2	9	16	23		शुक्र	2	9	16	23	30
शनि	6	13	20	27		शनि	3	10	17	24		शनि	3	10	17	24	31
	Ŭ			_,			-			-,						-,	
		अप्र	ौल					म	ई					$\overline{\mathbf{v}}$	ून		
रवि	1	8	15	22	29	रवि		6	13	20	27	रवि		3	10	17	24
सोम	2	9	16	23	30	सोम		7	14	21	28	सोम		4	11	18	25
मंगल	3	10	17	24		मंगल	1	8	15	22	29	मंगल		5	12	19	26
बुध	4	11	18	25		बुध	2	9	16	23	30	बुध		6	13	20	27
गुरू	5	12	19	26		गुरू	3	10	17	24	31	गुरू		7	14	21	28
शुक्र	6	13	20	27		शुक्र	4	11	18	25		शुक्र	1	8	15	22	29
शनि	7	14	21	28		शनि	5	12	19	26		शनि	2	9	16	23	30
		जुत	नाई					अग	स्त					सित	ग्म्बर		
रवि	1	8	15	22	29	रवि		5	12	19	26	रवि	30	2	9	16	23
सोम	2	9	16	23	30	सोम		6	13	20	27	सोम		3	10	17	24
मंगल	3	10	17	24	31	मंगल		7	14	21	28	मंगल		4	11	18	25
बुध	4	11	18	25		बुध	1	8	15	22	29	बुध		5	12	19	26
गुरू	5	12	19	26		गुरू	2	9	16	23	30	गुरू		6	13	20	27
शुक्र	6	13	20	27		शुक्र	3	10	17	24	31	शुक्र		7	14	21	28
शनि	7	14	21	28		शनि	4	11	18	25		शनि	1	8	15	22	29
		अक	टूबर					नव	म्बर						म्बर		
रवि		7	14	21	28	रवि		4	11	18	25	रवि	30	2	9	16	23
सोम	1	8	15	22	29	सोम		5	12	19	26	सोम	31	3	10	17	24
मंगल	2	9	16	23	30	मंगल		6	13	20	27	मंगल		4	11	18	25
बुध	3	10	17	24	31	बुध		7	14	21	28	बुध		5	12	19	26
गुरू	4	11	18	25		गुरू	1	8	15	22	29	गुरू		6	13	20	27
शुक्र	5	12	19	26		शुक्र	2	9	16	23	30	शुक्र		7	14	21	28
शनि	6	13	20	27		शनि	3	10	17	24		शनि	1	8	15	22	29
			~~~	~~~													

-(70)-

See the calender and say

- 1. Which are the months which have thirty days ?
- 2. Which are the months which have thirty-one days ?
- 3. How many days are there in February ?

Tally the months in year 2006 with the months in year 2007 from the calendars. In 2006, the months which have 30 days, in 2007 do they have 30 days.Does the months having 31 days in 2006 have the same days in 2007 ?

Now tell these also:

- 1. In Dussehra the holidays were given on 17, 18 and 19. Tell how many holidays were given
- 2. In Chandu's school Annual Sports was held from 10th January to 14th January. Write the dates on which sports were held. Tell for how many days the sports was held ?
- 3. Half yearly exams was from 8th December to 12th December. Tell for how many days were the exams conducted?
- 4. In school the preparations for cultural programmes was from 21st January to 25th January. Tell for how many days did the preparations go on.

