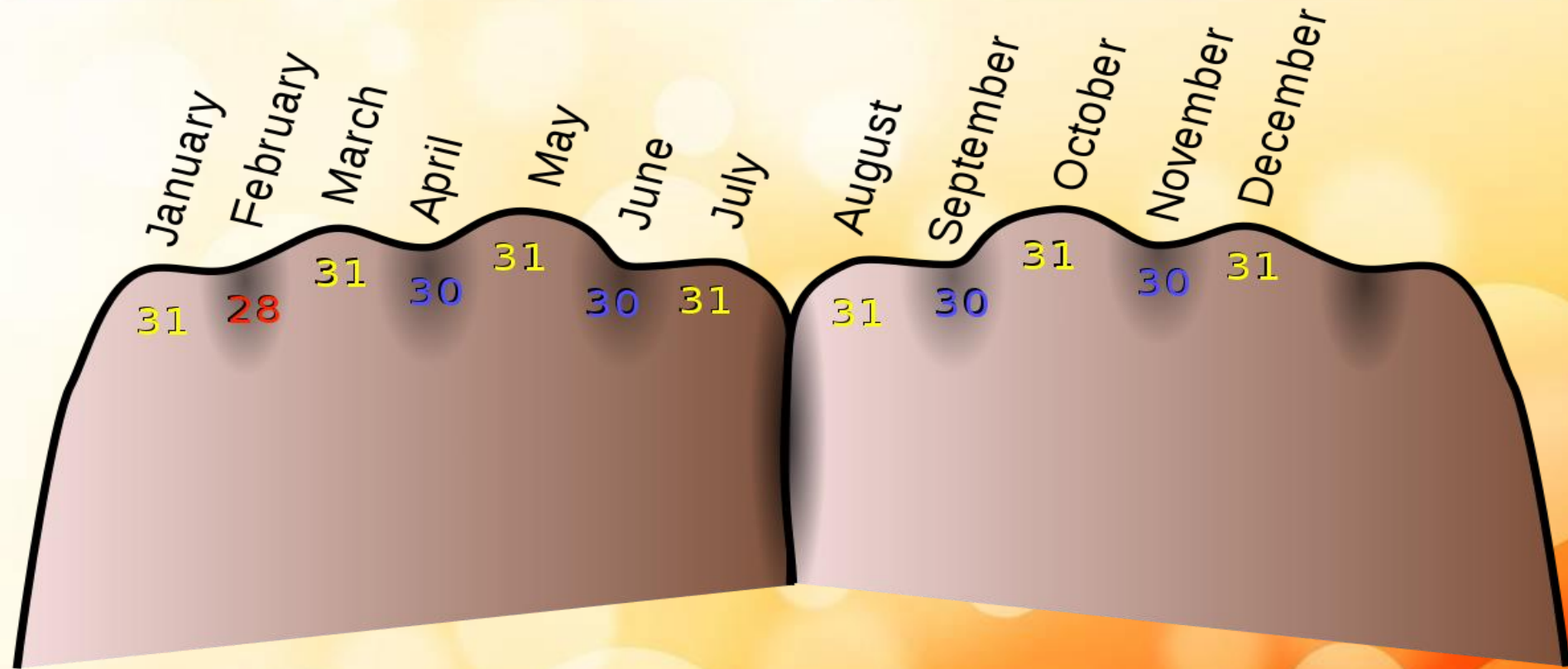




Day, Date and Time



Number of days in different months



***30 days has September, April, June and November
All the rest have 31 And February's great with 28 or 29.***

Introduction to Calendar

January

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

2020

July

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Now lets answer some Questions

(Refer to 2020 calendar)

- How many days are there in the year 2020?
- How many weeks are there in this year?
- Which day is Christmas in 2020?
- What date is on the third Sunday of May?
- How many Mondays are there in the month of September?



Find out how many days were there in 2019? Is it different from 2020? If yes why?

Activity

Create a calendar and..

- Fill the Birthday of your parents with Yellow colour
- Mark all national holidays with blue colour.
- Circle all the fifth Sundays.



There are **24 hours** in a day.

There are **12 numbers** on the face of a clock.

There are **2 hands** in a clock.

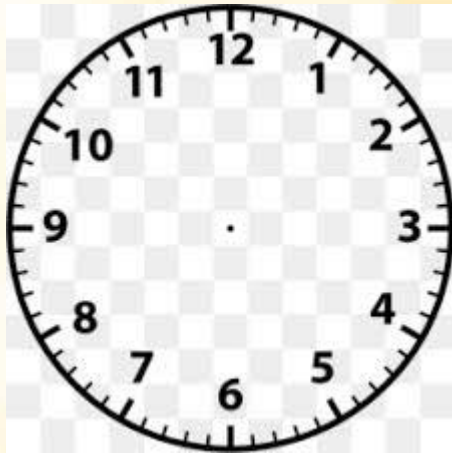
- ➡ The long hand measures minute.
- ➡ The short hand measures hours.



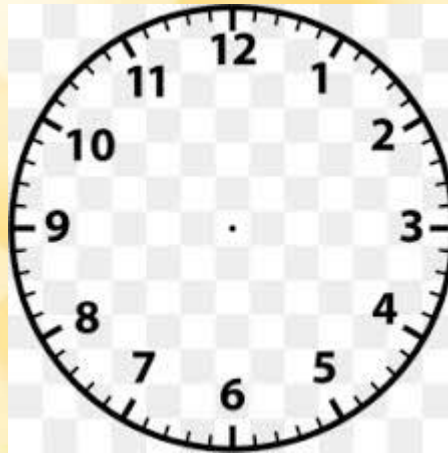
- ✓ When long hand is at 12 it's "O" clock
- ✓ When minute hand is 6 it's half past

Activity

Draw Hour hand and minute hand in the given clocks to show the time



9 'o' clock



7: 30



11: 30

Units of time....(Hours and Minutes)

As you can see the clock face has 12 big units and 60 small units. Each small unit is called a **MINUTE** and each big unit is called an **HOUR**

When the minute hand takes one round and moves through all these 60 small units (minutes) its call an **HOUR**

So, an Hour is equal to 60 minutes



Answer these...



❖ How many minutes will the minute hand take to move from:

* 12 to 3

* 8 to 11

* 4 to 7

❖ Can you tell me how many rounds does the hour hand complete in a day?

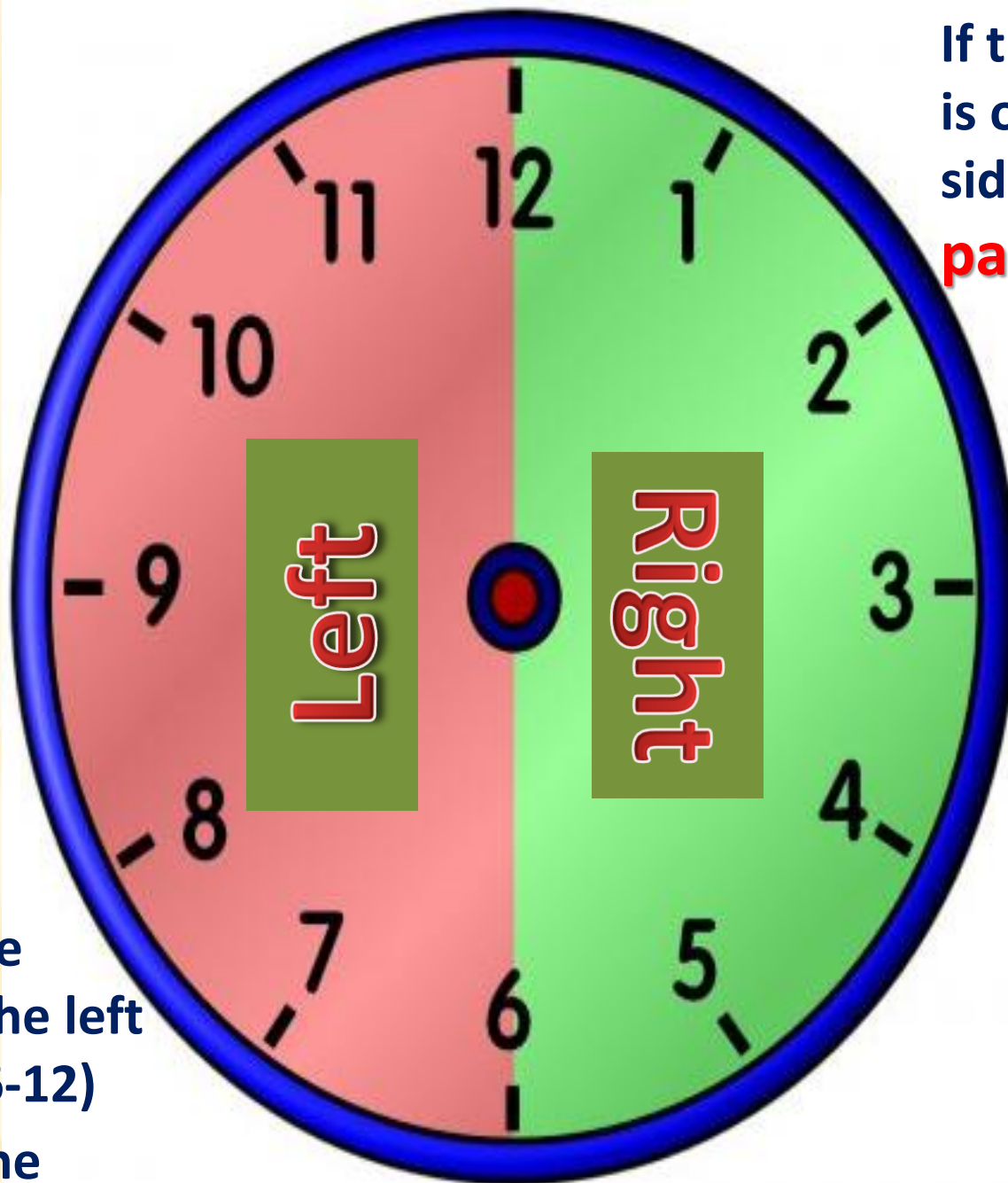
❖ Write two units of time.



Let's
LEARN!

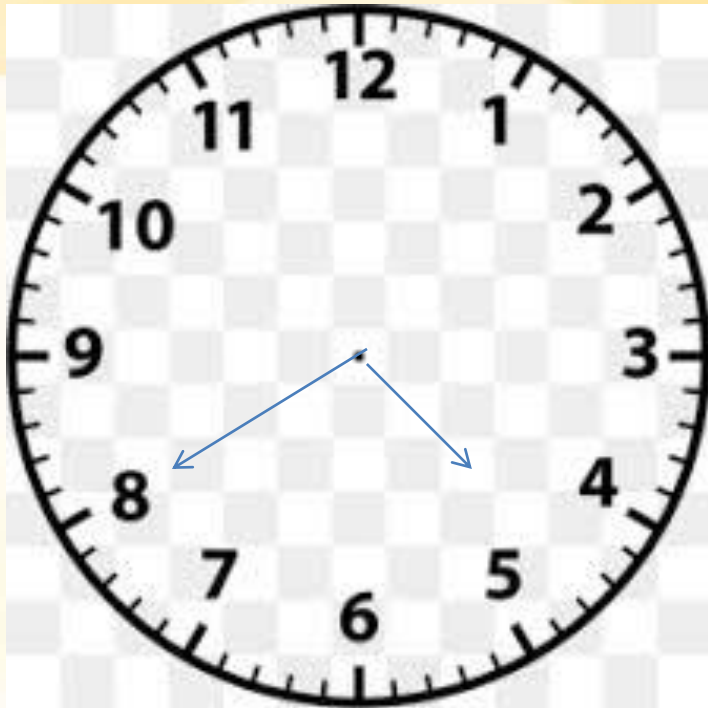
What the time will be if
the minute hand is against
any mark numbers other
than 6 or 12 ?

If the minute hand is on the right hand side (12-6) we say **past** the hour

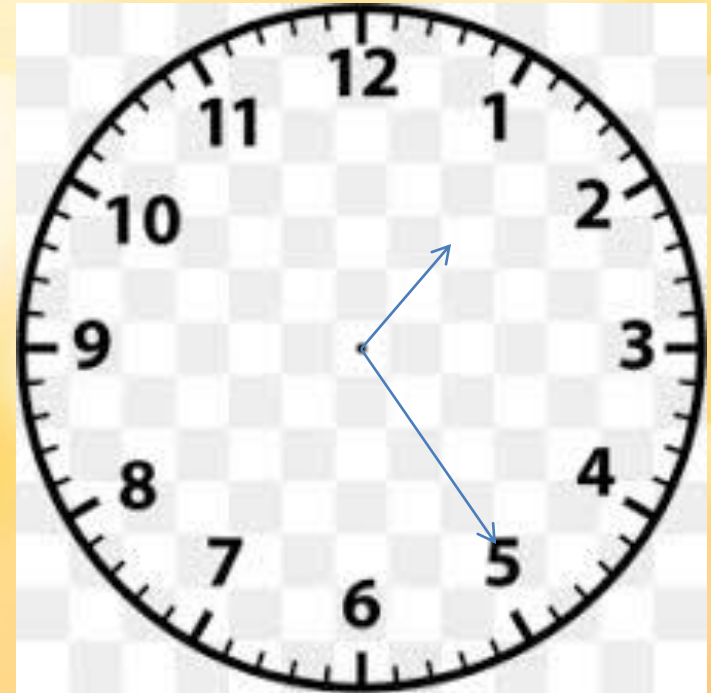


If the minute hand is on the left hand side (6-12) we say **to** the hour

Example...



The hour hand is between 4 and 5
The minute hand is at 8 (left hand side)
Time : 20 minutes to 5 (4:40)

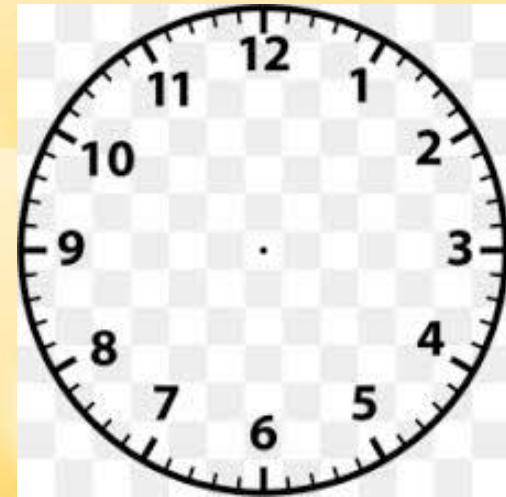


The hour hand is between 1 and 2
The minute hand is at 5 (Right hand side)
Time : 25 minutes past 1 (1:25)

Draw hour hand and minute hand to show the following time on the clock



Quarter to 8



Quarter past 6

Write the following times in numbers || Write the following times in words

☐ 20 minutes past 5

☐ Quarter to 9

☐ 12:10

☐ 5:40

Converting Units of Time....



- 1 Day = 24Hours
- 1Hour = 60 Minutes
- 1 Week = 7 Days
- 1 Year = 12 Months
- 1 Year = 52 Weeks
- 1 Year = 365 DayS

Large to Small

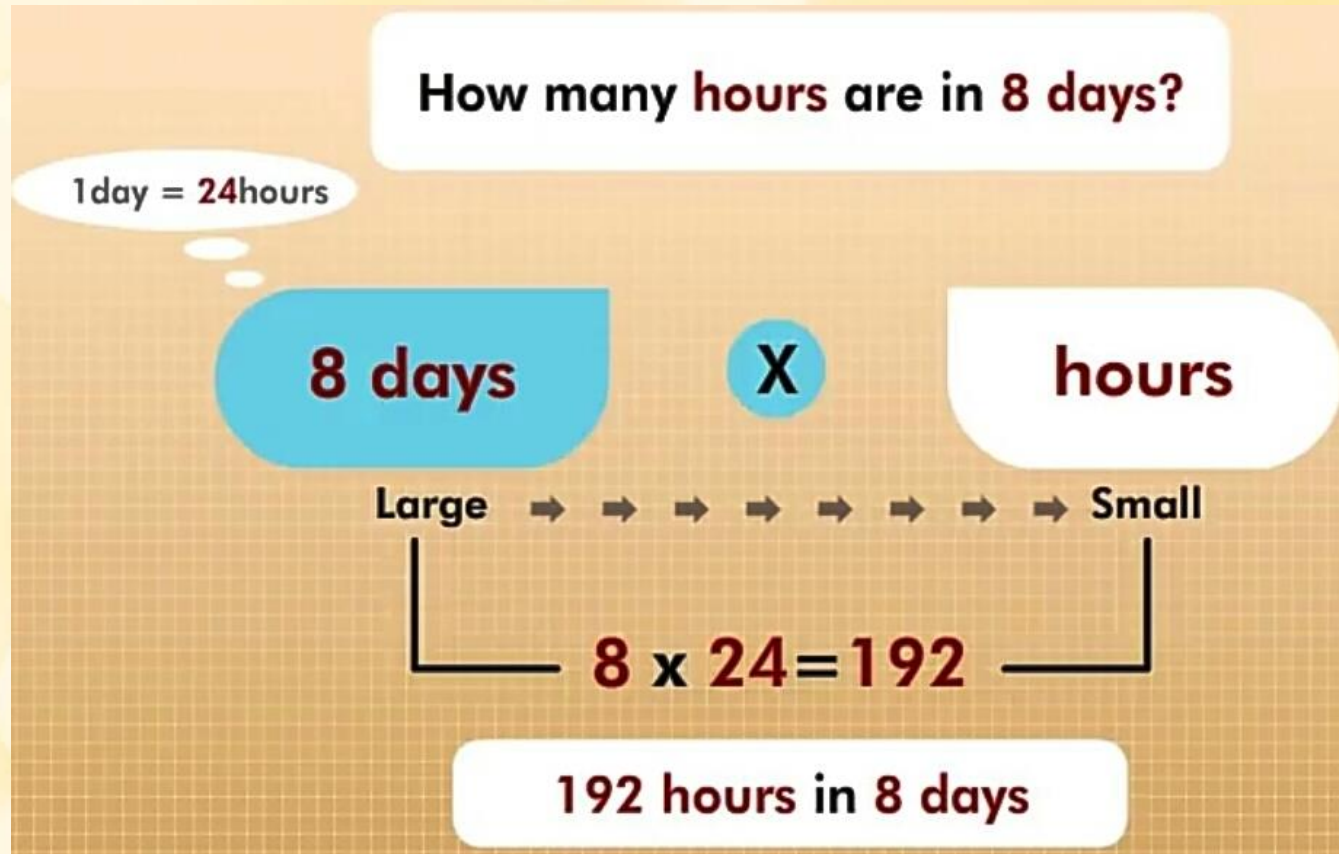
- minute to second
- days to hour

Multiply

X

Days into Hours

When we convert days into hours we multiply the number of days by 24 e.g.



Hours into Minutes

When we convert hours into minutes we multiply the number of hours by 60 e.g.

How many **minutes** are in **4 hours**?

1 hour = **60** minutes

4 hours **x** **minutes**

Large $\Rightarrow \Rightarrow \Rightarrow \Rightarrow \Rightarrow$ Small

4 x 60 = 240

240 minutes in 4 hours

Hours and Minutes into Minutes

When we convert hours and minutes into minutes we multiply the number of hours by 60 and add to it the number of minutes. **Ex:**

How many minutes are in 6 hours 10 minutes?

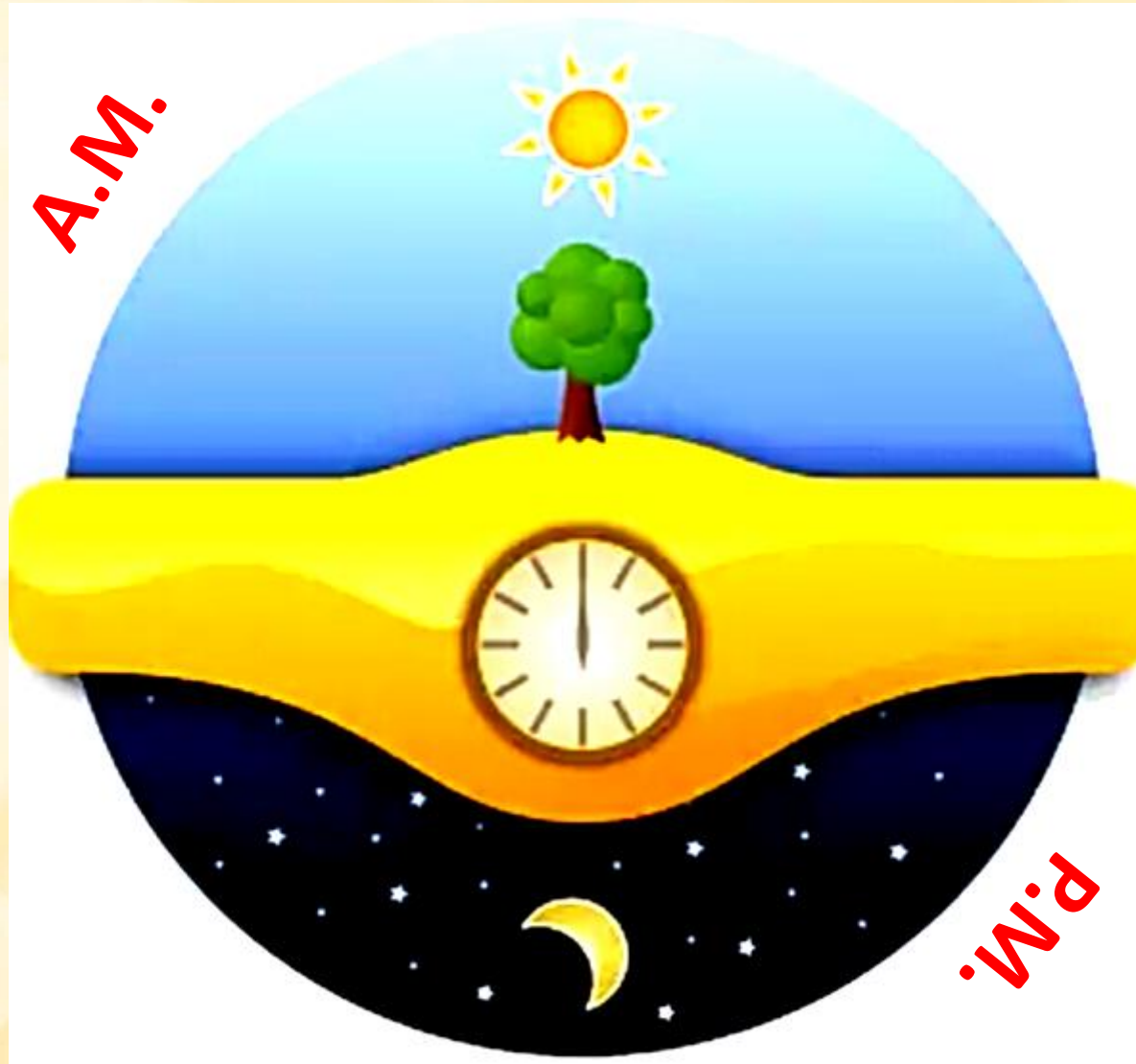
1 Hour = 60 Minutes

- $6 \text{ Hours} = 6 \times 60 \text{ mins} = 360 \text{ mins}$

$360 \text{ mins} + 10 \text{ mins} = 370 \text{ mins}$

- $6 \text{ hours } 10 \text{ minutes} = 370 \text{ minutes}$

Telling time A.M. and P.M.





**The 24 hours of the day
is divided into two parts**



They are **A.M. and **P.M.****



**The first part of the day
goes from midnight to
day. It is the morning**



**We call the time
between midnight and
Noon as **A.M.****



The second part of the day goes from noon to midnight . It is the afternoon and evening.



We call the time between noon and midnight as **P.M.**

A.M. is

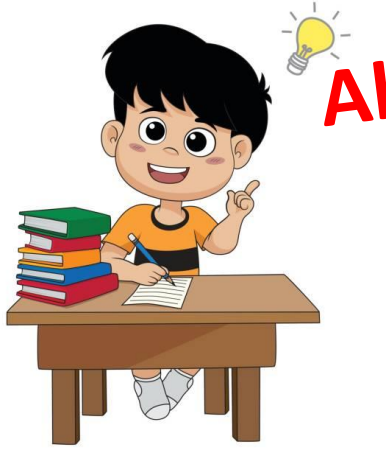
- ✓ The first twelve hours in a day
- ✓ The abbreviated word for Ante Meridiem
- ✓ Another way to say A.M. is morning, midday and before noon

P.M. is

- ✓ The Last twelve hours of the day
- ✓ The abbreviated word for Post Meridiem
- ✓ Another way to say P.M. is Afternoon, Night and after midday

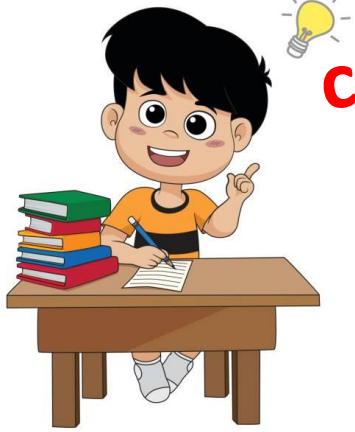


*We do not use A.M
or PM with 12*



Always conclude....

- There are 12 months in a year.
- January, March, May, July, August, October and December have 31 days.
- April, June, September and November have 30 days.
- February is the shortest month of the year.
- One day equal to 24 hours.
- The long hand of the clock measures minute and the short hand measures hour.
- One hour is equal to 60 minutes.
- If the minute hand is on the right hand side we say “past” the hour.
- If the minute hand is on the left hand side we say “to” the hour.



continues....

- ➡ When we convert days into hours we multiply the number of days by 24.
- ➡ When we convert hours into minutes we multiply the number of hours by 60.
- ➡ When we convert hours and minutes into minutes, we multiply the number of hours by 60 and add to it the number of minutes.
- ➡ 12 midnight to 12 noon is A.M.
- ➡ 12 noon to 12 midnight is P.M.

