

Time and calendar

A) Fill in the blanks

1. 2 days = 48 hours

2. 3 hours = 180 minutes

3. 2 minutes = 120 seconds

4. There are 366 days in a leap year.

5. The month February has 29 days in a leap year.

B. Do as directed

6. Will 2038 be a leap year?

Ans - No, 2038 will not be a leap year.

7) How many days are there from 6th April to 30th MAY?

Ans - There are 54 days from 6th April to 30th May.

8. Add :-

7 hours 40 minutes 30 seconds + 6 hours 45 minutes 55 seconds,

h	min	sec
7	40	30
+ 6	45	55
14	26	85

9. Subtract :-

14 hours 57 minutes 40 seconds - 7 hours 34 minutes 20 seconds

h	min	sec
14	57	40
- 7	34	20
7	24	20

~~to convert 750 seconds into minutes~~

10. Convert 12 days 15 hours into hours

Ans - ~~12 =~~ 1 day = 24 hours

12 = 288 hours

288 + 15 = 348 hours

11. Convert 750 seconds into minutes and seconds

Ans - 1 min = 60 sec

$$\begin{array}{r} 12 \\ 60 \overline{) 750} \\ \underline{- 600} \\ 150 \\ \underline{- 120} \\ 30 \end{array}$$

= 12 minutes 30 seconds

12) ^{convert} 9 hours 30 minutes into minutes.

Ans - 1 hour = 60 min

$$9 \times 60 = 540$$

$$540 + 30 = 570$$

= 570 min

~~13) How~~

13) How much is 4 hours 13 minutes more than 2 hours 35 minutes

Ans- The first duration = 4 hours 13 min

The second duration = 2 hours 35 min

difference between both durations = 4h 13 min - 2h 35 min

h	m
4	13
- 2	35
2	18

So, the difference between both durations is ~~2h 35 min~~ 2 hours 18 minutes.

Rakesh goes to his tuition at 8:10 am and comes back home at 11 am. Find the time he spends in his tuition?

time he goes to tuition = 8:10 am

time he comes back from tuition = 11 am

he spends time in tuition = Take both time to date and subtract

8:10 am ± 0 = 8 hours 10 minutes

11 am ± 0 = 11 hours

h	min
08	10
+ 4	20
- 8	10
7	30

So hence, Rakesh spends duration in tuition is 7 hours 30 minutes

Laxmi came to my house on 15th January. She stayed with us for 30 days. On what date did she leave?

Laxmi came to my house = 15th January

Laxmi stayed in my house = 30 days

what date she left = 15 + 30 = 45
= 45 - 31

$$\begin{array}{r}
 45 \\
 - 31 \\
 \hline
 14
 \end{array}$$

$$\begin{array}{r}
 d \\
 30 \\
 + 15 \\
 \hline
 45
 \end{array}$$

Thus, she left on date 14th February