



Worksheet

Sub - Science

Time and ~~sex~~ calendar

A. 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. 6. Will 2038 be a leap year?

☒ No, it is not divisible by 4, and it is not a leap year.

$$\begin{array}{r}
 509 \\
 4 \overline{) 2038} \\
 \underline{-20} \\
 03 \\
 \underline{-0} \\
 38 \\
 \underline{-36} \\
 2-R
 \end{array}$$

7. How many days are there from 6th April to 30th May?

Ans: No. of days April has = 30

No. of days May has = 31

∴ Thus, 54 days are there from 6th April to

30th May.

8. Add

Hours	Min.	Sec.
① 7	① 40	30
+ 6	45	55
14 Hours	26 Min.	25 Sec.

∴ So, 14 Hours 26 min. 25 sec. is the answer.



9. Subtract

Hours	Min.	Sec.
14	57	40
- 7	34	20
<hr/> 7	<hr/> 23	<hr/> 20
7 Hours.	23 Min.	20 sec.

☐ Ans: 7 Hours 23 min. 20 sec.

10. 1 day = 24 hours

12 days = 24 x 12

No. of hours 15

288 + 15 = 303 hours

$$\begin{array}{r} 24 \\ \times 12 \\ \hline 48 = 24 \times 2 \end{array}$$

$$\begin{array}{r} + 240 = 24 \times 10 \\ \hline 288 \end{array}$$

☐ So, the 303 hours

is the answer.

$$\begin{array}{r} 288 \\ \times 15 \\ \hline 1440 \\ + 2880 \\ \hline 4320 \end{array}$$

$$\begin{array}{r} 288 \\ + 15 \\ \hline 303 \end{array}$$

$$11. \quad 750 \text{ seconds} = 750 \div 60$$

$$= 12 \text{ minutes } 30 \text{ seconds}$$

So, the answer is

12 minutes 30 seconds

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

$$12. \quad 1 \text{ hour} = 60 \text{ minutes}$$

$$9 \text{ hours} = 60 \times 9 = 540$$

$$540 + 30 \text{ min.} = 570$$

So, the answer is 570 minutes.

C. 13. How

Hrc. Min. Sec.

$$\begin{array}{r} 4 \\ -2 \\ \hline 1 \text{ Hrc.} \end{array} \quad \begin{array}{r} 13 \\ 35 \\ \hline 38 \text{ min.} \end{array}$$

$$\begin{array}{r} 60 \\ +13 \\ \hline 73 \\ -35 \\ \hline 38 \end{array}$$

So, Ans: 1 Hrc. 38 min



14. The time Rakesh goes to tuition = 8:10 am

The time he come back = 11:00 am to home

	Hrc.	Min.
So, 3 Hrc 50 min.	11	00
he spends the	- 8	10
time in tuition.	<u>3 Hrc,</u>	<u>50 min.</u>

15. The day that Laxmi has come = 15th January
Sunday 30

No. of days = 30 days she stay

No. of days from 15th January to 31st January = 31 - 15

No. of days from 1st February	31
	- 15
	<u>16 days</u>

So, Laxmi leave from our house on 14th February to 14th February = 14 days