

CW
15/01/2022
Saturday

Chapter = 15

Time and calendar
Worksheet

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-
$$\begin{array}{r} 4 \overline{) 3819} \\ \underline{-36} \\ 02 \end{array}$$

\therefore 2038 will not be a leap year.

7. How many days are there

from 6th April to 30th May?

Ans. Number of days in April = 30

Number of days from 6th April to 30th

$$\text{April} = 30 - 6$$

$$= 22 \text{ days}$$

Now, Number of days from 6th

$$\text{April to 30th May} = 22 + 30$$

$$= 52 \text{ days}$$

∴ There are 52 days from 6th

April to 30th May

8. Add

7 hours 40 minutes 30 seconds +

6 hours 45 minutes 55 seconds

Hours	Minutes	Seconds	Rough
1	1	1	
7	40	30	95 86
+ 6	45	55	-60 -60
<u>14</u>	<u>26</u>	<u>35</u>	35 26

9. Subtract

14 hours 57 minutes 40 seconds -

7 hours 34 minutes 20 seconds

Hours	Minutes	Seconds	Rough
^{0 14} 14	54	40	
- 7	34	20	
<u>7</u>	<u>20</u>	<u>20</u>	

10. Convert 12 days 15 hours into hours

Ans -

1 day = 24 hours

12 days 15 hours = ~~24~~ × 12 + 15

$$= 288 + 15$$

$$= 293 \text{ hours}$$

∴ There are 293 hours in 12 days 15 hours.

11. Convert ~~750 days 15 hours~~ into seconds into minutes and seconds

Ans - $60 \text{ seconds} = 1 \text{ minute}$

$$750 \text{ seconds} = 750 \div 60$$

$$= 12 \text{ min } 30 \text{ sec}$$

∴ There are 12 minutes 30 seconds.

12. Convert 9 hours 30 minutes into minutes

Ans -

Ans-

$$1 \text{ hour} = 60 \text{ minutes}$$

$$9 \text{ hours } 30 \text{ minutes} = 9 \times 60 + 30$$

$$= 540 + 30$$

$$= 570 \text{ minutes}$$

∴ There are 570 minutes in 9 hours
30 minutes

C. Solve the following questions.

13. How much is 4 hours 13 minutes
more than 2 hours 35 minutes?

Ans- One ~~hour~~ time = 4 hours 13 minutes

Another time = 2 hours 35 minutes

Difference between them =

4 hours 13 minutes - 2 hours

35 minutes =

Hours	Minutes	Rough
3	73	6 13
4	43	7 8
- 2	35	- 35
<u>1</u>	<u>38</u>	<u>38</u>

∴ The difference between them is 1 hour 38 minutes

14. Rakesh goes to tuition at 8:10 a.m. and comes back home at 11 a.m. Find the time he spends in the tuition.

Ans. Time Rakesh goes to tuition = 8:10 a.m.

Time Rakesh comes from tuition = 11 a.m.

Duration of the tuition = 11 a.m.

- 8:10 a.m.

Hours	Minutes
010	60
11	00
- 8	10
<hr/>	<hr/>
02	50

Rough
60
- 10
<hr/>
50

∴ The duration of the tuition is

02 hours 50 minutes

15. Laxmi came to my house on 15th

January, she stayed with us

for 30 days, On what date did

she leave?

Ans- Number of day in January = 31

Number of days from 15th January to

10

31st January = 31 - 15

$$= 16$$

Number of days she stayed = 30

Date she

~~Number of days~~ leaved the house = $30 - 16$

$$= 15$$

\therefore she will leave the house

on 15th February