

6. Subtract

$$\begin{array}{r} \text{a)} \quad \text{H} \quad \text{M} \quad \text{S} \\ \quad 9 \quad 16 \quad 24 \\ - 8 \quad 5 \quad 14 \\ \hline \end{array}$$

1 hour 11 min 10 sec

Ans - 1 hour 11 minutes 10 seconds

$$\begin{array}{r} \text{b)} \quad \text{H} \quad \text{M} \quad \text{S} \\ \quad 16 \quad 56 \quad 45 \\ - 4 \quad 23 \quad 13 \\ \hline \end{array}$$

12 hour 33 min 32 sec

Ans - 12 hours 33 minutes 32 seconds

$$\begin{array}{r} \text{c)} \quad \text{H} \quad \text{M} \quad \text{S} \\ \quad 25 \quad 14 \quad 13 \\ - 15 \quad 23 \quad 28 \\ \hline \end{array}$$

9 hour 50 min 45 sec

Ans - 9 hours 50 minutes 45 seconds

7. How much is 3 hours 12 minutes more than 1 hour 40 minutes?

The difference between 3 hours 12 minutes and 1 hour 40 minutes = 3 hours 12 minutes - 1 hour 40 minutes =

Hours	Minutes
3	12
- 1	40
1	32

Since  $12 < 40$ , borrow 1 hour = 60 min + 12 min = 72 minutes,

Min
72
- 40
32

Thus, 3 hours 12 minutes is more than 1 hour 32 minutes from 1 hour 40 minutes.

8. Radha and Richa went for a movie. The movie lasted for 2 hours 30 minutes. After the movie they went for shopping and spent 1 hour 45 minutes. Calculate the total time spent by them.

Ans - The movie total lasted = 2 hours 30 minutes

They spent total time in shopping = 1 hour 45 minutes

Total time they spent = Hours      Minutes

2                      30

min

+ 1

45

30

4 Hours      15 Minutes

+ 45

75

75 minutes = 60 minutes + 15 min = 1 hour 15 min

So, they spent 4 hours 15 minutes together.

9. Anju goes to school at 7:10 am to 2 pm. Find the time she spends in school.

Ans - Anju goes to school from 7:10 am to 2 pm.

She spent total time in school = 7:10 to 8 am = 50 min

8 am to 9 am = 1 hour

9 am to 10 am = 1 hour

10 am to 11 am = 1 hour

11 am to 12 pm = 1 hour

12 pm to 1 pm = 1 hour

1 pm to 2 pm = 1 hour

Total time she spent =  $(1 \times 6)$  hours and 50 min  
 = 6 hours 50 minutes

So, total time spent by Anju in school is 6 hours 50 minutes.

10. Rajesh studies from 6 am to 6:45 am and 7 pm to 8:45 pm daily. How many hours does he study everyday?

Ans- Rajesh studies from 6 am to 6:45 am = 45 minutes  
 And from 7 pm to 8:45 pm = 1 hour 45 minutes

Total time he studies = Hours      Minutes

min	0	45
45	+ 1	45
<u>+ 45</u>		
90		2 hours 30 minutes

$90 \text{ min} = 60 \text{ min} + 30 \text{ min} = 1 \text{ hour } 30 \text{ min}$

So, he studies total 2 hours 30 minutes everyday.