

Exercise 15 (D)

5. Add

(a) Hours Minutes Seconds

$$\begin{array}{r} 14 \quad 20 \quad 15 \\ 16 \quad 45 \quad 45 \\ + 6 \quad 30 \quad 30 \\ \hline 36 \quad 95 \quad 90 \end{array}$$

(b) Hours Minutes Seconds

$$\begin{array}{r} 6 \quad 50 \quad 40 \\ 7 \quad 35 \quad 55 \\ + 8 \quad 20 \quad 18 \\ \hline 22 \quad 46 \quad 53 \end{array}$$

(c) Hours Minutes Seconds

$$\begin{array}{r} 14 \quad 20 \quad 15 \\ 8 \quad 45 \quad 25 \\ + 6 \quad 30 \quad 30 \\ \hline 28 \quad 95 \quad 70 \end{array}$$

(d) Hours Minutes Seconds

$$\begin{array}{r} 16 \quad 25 \quad 40 \\ * 17 \quad 35 \quad 25 \\ + \quad 8 \quad 12 \quad 18 \\ \hline 41 \quad 72 \quad 83 \end{array}$$

6. Subtract

(a) Hours Minutes Seconds

$$\begin{array}{r} 9 \quad 16 \quad 24 \\ - 8 \quad 05 \quad 14 \\ \hline 1 \quad 11 \quad 10 \end{array}$$

(b) Hours Minutes Seconds

$$\begin{array}{r} 16 \quad 56 \quad 45 \\ - 4 \quad 23 \quad 13 \\ \hline 12 \quad 33 \quad 32 \end{array}$$

(c) Hours Minutes Seconds

$$\begin{array}{r} 24 \quad 73 \quad 73 \\ ~~25~~ \quad 74 \quad 73 \\ - 15 \quad 23 \quad 28 \\ \hline 9 \quad 50 \quad 45 \end{array}$$

(d) Hours Minutes seconds

$$\begin{array}{r}
 7 \quad 11 \quad 12 \\
 8 \quad 23 \quad 10 \\
 - 5 \quad 45 \quad 33 \\
 \hline
 2 \quad 77 \quad 72
 \end{array}$$

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

3 hours 12 minutes = 1 hour 40 minutes

| Hours | Minutes |
|--------------|---------------|
| 3 | 12 |
| 3 | 70 |
| 1 | 40 |
| 1 | 32 |

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

8. Radha and Richa went for a movie. The movie lasted for 2 hour 30 minutes. After the

~~2 hour 30 minutes~~ movie they went for shopping and spent 1 hour 45 minutes. Calculate the total time spent by them.

They spent total time in shopping = 1 hour 45 minutes

Total time spent by them =

| Hour | Minutes |
|-------|---------|
| 2 | 30 |
| + 1 | 45 |
| <hr/> | <hr/> |
| 4 | 15 |

So, they spent 4 hours 15 minutes together.

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

She spent total time in school =

7:10 am to 8 am = 50 minutes

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 am to 1 pm = 1 hour

1 pm to 2 pm = 1 hour

Total time she spent =
(1 x 6) hour and 50 minutes = 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?

Rajesh studies from 6 am to 6:45 am = 45 minutes

And from 7 pm to 8:45 pm
= 7 pm 8 pm = 1 and 45 minutes
= 1 hour 45 minutes.

Total time he studies = 2 hr. 30 min.

Hour

0

+

1

2

Minute

45

45

30