

## Check Point

1. 20 minutes after 1.30 p.m. is 1.50 p.m.
2. 15 minutes after 11.50 a.m. is 12.05 p.m.
3. 17 minutes after 7.15 p.m. is 7.32 p.m.
4. 10 minutes before 12.00 noon is 11.50 a.m.
5. 20 minutes before 6.20 p.m. is 6.00 p.m.
6. 1 hour before 3.32 p.m. is 2.32 p.m.

## Exercise - 11.5

A Solve the word problems :-

1. Departure time of a bus for Shimla = 5.00 a.m.

Duration of the travel = 9 hours.

$$5.00 \text{ a.m.} \xrightarrow{9 \text{ hours}} 14.00 \text{ hours} = 2.00 \text{ p.m.}$$

$$\begin{aligned} (9 + 5 &= 14) \\ 14 - 12 &= 2 \end{aligned}$$

Required time of arrival at Shimla = 2.00 p.m.

Ans. The bus reaches Shimla at 2.00 p.m.

2. Departure time of the flight = 10.40 P.m.

Duration of the travel = 2 hours 40 minutes.

10.40 P.m. 2 hours 12.40 a.m. 40 minutes 1.20 a.m.

Required landing time of the flight is 1.20 a.m.

$$\left[ \begin{array}{l} 40 + 40 = 80 \\ 60 + 20 \\ = 1 \text{ hour } 20 \text{ mins.} \end{array} \right.$$

Ans. The flight landed at 1.20 a.m. at Delhi.

3. Starting time of cooking = 7.15 a.m.

Duration of cooking = 2 hours 45 minutes

2 hours after 7.15 a.m. is 9.15 a.m. and 45 minutes after 9.15 a.m. is 10 a.m.

Required finishing time is 10 a.m.

Ans. They finished cooking at 10 a.m.

$$\left. \begin{array}{l} 7 + 2 = 9 \\ 15 + 45 = 60 \text{ min} \\ = 1 \text{ hour} \end{array} \right\}$$

4. Starting time of annual play = 6.30 P.m.

Duration of play = 1 hour 5 minutes.

1 hour after 6.30 P.m. is 7.30 P.m. and 5 mins after 7.30 P.m. is 7.35 P.m.

Required finishing time is 7.35 P.m.

Ans. The annual play ended at 7.35 P.m.

5. Starting time of the cricket coaching = 9.45 a.m.

Duration of coaching = 2 hours 45 minutes.

2 hours after 9.45 a.m. is 11.45 a.m.

45 minutes after 11.45 a.m. is 12.30 p.m.

Finishing time of coaching = 12.30 p.m.

Ans. My cricket coaching ends at 12.30 p.m.

45 min	
+ 45 min	
90 min	
= 1 hour	
	30 min