Worked answers | Time

Interpreting schedules

6 questions | 10 marks

Equivalent correct methods earn the corresponding marks.

1. Use the timetable. When does Chess start in 12-hour time? [1 mark]

Community centre timetable

Activity	Starts	Finishes
Art club	09:15	10:05
Chess	10:20	11:00
Lunch break	12:10	12:50
Drama	13:05	14:00

10:20 is before noon.

Answer: 10:20 am

2. Use the timetable. How long is the Lunch break? [1 mark]

Community centre timetable

Activity	Starts	Finishes
Art club	09:15	10:05
Chess	10:20	11:00
Lunch break	12:10	12:50
Drama	13:05	14:00

12:10 to 12:50 is 40 minutes.

Answer: 40 minutes

3. A train leaves at 14:35 and arrives at 15:20 on the same day. Find the journey time. [2 marks]

25 minutes to 15:00, then 20 more: $25 + 20 = 45$.

Answer: 45 minutes

4. A film starts at 17:50 and lasts 1 hour 35 minutes. When does it finish? [2 marks]

Add 1 hour to get 18:50, then add 35 minutes.

Answer: 19:25, or 7:25 pm

5. A game ends at 16:25. A bus leaves at 16:40. Walking to the stop takes 18 minutes. Can you catch it if you leave as the game ends? Explain. [2 marks]

$16:25 + 18 \text{ minutes} = 16:43$.

Answer: No; you arrive at 16:43, three minutes after departure.

6. A ferry leaves at 23:45 and arrives at 00:20 the next day. Find its travel time. [2 marks]

15 minutes to midnight and 20 after it: $15 + 20 = 35$.

Answer: 35 minutes