Reading and making itineraries

6 questions | 9 marks

Equivalent correct methods earn the corresponding marks.

1. Use the itinerary. At what time does the gallery visit start? [1 mark]

Practice excursion itinerary

Activity	Start	Finish
Bus to gallery	09:10	09:35
Gallery visit	09:35	10:20
Walk to park	10:20	10:35
Park visit	10:35	11:15
Return bus	11:15	11:50

Read the Gallery visit row and its Start column.

Answer: 09:35

2. Use the itinerary. How long is the gallery visit? [2 marks]

Practice excursion itinerary

Activity	Start	Finish
Bus to gallery	09:10	09:35
Gallery visit	09:35	10:20
Walk to park	10:20	10:35
Park visit	10:35	11:15
Return bus	11:15	11:50

09:35 to 10:00 is 25 minutes.

10:00 to 10:20 is 20 minutes.

$25 + 20 = 45$ minutes.

Answer: 45 minutes

3. Use the itinerary. Which activity starts at 10:20? [1 mark]

Practice excursion itinerary

Activity	Start	Finish
Bus to gallery	09:10	09:35
Gallery visit	09:35	10:20
Walk to park	10:20	10:35
Park visit	10:35	11:15
Return bus	11:15	11:50

Match 10:20 in the Start column to its activity.

Answer: The walk to the park.

4. A bus arrives at 12:05. A picnic starts as soon as it arrives and lasts 30 minutes. Write the picnic start and finish. [2 marks]

The picnic starts at the arrival time, 12:05.

Add 30 minutes to find 12:35.

Answer: 12:05 to 12:35

5. Use the itinerary. When does the group return to its starting place? [1 mark]

Practice excursion itinerary

Activity	Start	Finish
Bus to gallery	09:10	09:35
Gallery visit	09:35	10:20
Walk to park	10:20	10:35
Park visit	10:35	11:15
Return bus	11:15	11:50

The Return bus is the last activity.

Its finish is 11:50.

Answer: 11:50

6. In the itinerary, extend the gallery visit by 10 minutes. Move every remaining activity 10 minutes later and keep its length unchanged. What is the new return time? [2 marks]

Practice excursion itinerary

Activity	Start	Finish
Bus to gallery	09:10	09:35
Gallery visit	09:35	10:20
Walk to park	10:20	10:35
Park visit	10:35	11:15
Return bus	11:15	11:50

The original final arrival is 11:50.

All later activities move 10 minutes later.

$11:50 + 10\,\text{minutes} = 12:00.$

Answer: 12:00