Time - topic test

12 questions | 22 marks | 30 minutes

Begin with familiar ideas, then explain and apply your understanding. Show your working.

Equivalent correct methods earn the corresponding marks.

1. Write 7:15 in the morning using am or pm. [1 mark]

Morning before noon uses am.

Answer: 7:15 am.

2. Write 9:30 in the evening using am or pm. [1 mark]

Evening is in the pm half of the day.

Answer: 9:30 pm.

3. Is 12 noon 12 am or 12 pm? [1 mark]

Noon starts the pm half of the day.

Answer: 12 pm.

4. How many seconds are in 5 minutes? [1 mark]

$5 \times 60 = 300$.

Answer: 300 seconds.

5. How many minutes are in 2 hours 10 minutes? [2 marks]

$120 + 10 = 130$.

Answer: 130 minutes.

6. Write 185 minutes as hours and minutes. [2 marks]

180 minutes is 3 hours, leaving 5 minutes.

Answer: 3 hours 5 minutes.

7. How many hours are in 3 days? [2 marks]

$3 \times 24 = 72$.

Answer: 72 hours.

8. A lesson starts at 10:20 am and ends at 11:05 am. Find its duration. [2 marks]

40 minutes reaches 11:00, then 5 more reaches 11:05.

Answer: 45 minutes.

9. A train leaves at 11:50 am. The trip takes 35 minutes. Find its arrival time. [2 marks]

10 minutes reaches noon, then 25 more reaches 12:25 pm.

Answer: 12:25 pm.

10. A 40-minute class finishes at 3:10 pm. Find its start time. [2 marks]

Back 10 minutes to 3:00, then back 30 to 2:30 pm.

Answer: 2:30 pm.

11. A play starts at 1:45 pm. Its acts last 35 and 25 minutes, with a 15-minute break between them. Find the finish time. [3 marks]

$35 + 15 + 25 = 75$ minutes.

1:45 pm plus 1 hour 15 minutes is 3:00 pm.

Answer: 3:00 pm.

12. Max must be at sport by 4:30 pm. Packing takes 10 minutes and travelling takes 25 minutes. Find the latest time to begin packing. [3 marks]

$10 + 25 = 35$ minutes are needed.

4:30 pm minus 35 minutes is 3:55 pm.

Answer: 3:55 pm.