Time and time zones: 10 practice questions

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Name: _____ Date: _____

Attempt all questions and show your working. Suggested time: 15 to 20 minutes.

Section A: Consolidating (Questions 1-4)

Question 1

Write each time in 24-hour time.

(a) 7:45 pm

(b) 12:20 am

(c) 11:05 am

Question 2

Write each 24-hour time as a 12-hour time using am or pm.

(a) 15:30

(b) 00:45

(c) 12:10

Question 3

How long is it from 08:35 to 14:10 on the same day?

Question 4

(a) Write 2.75 hours in hours and minutes.

(b) Write 135 minutes in hours and minutes.

Section B: Standard (Questions 5-10)

Question 5

A movie starts at 7:50 pm and runs for 2 hours 25 minutes. At what time does it finish? Give your answer in both 12-hour and 24-hour time.

Question 6

Part of a train timetable is shown.

Station	Departs

Ashby	06:48
Brookvale	07:23
Clifton	08:05
Dunmore	09:12 (arrives)

(a) How long does the trip from Ashby to Dunmore take?

(b) Which part of the trip, between two stations next to each other, takes the longest, and how long does it take?

(c) One day the train leaves Clifton 18 minutes late and takes its usual time to reach Dunmore. At what time does it arrive at Dunmore?

Question 7

Perth is on UTC+8 and Brisbane is on UTC+10. Neither city uses daylight saving. When it is 2:15 pm in Perth, what time is it in Brisbane?

Question 8

Darwin is on UTC+9:30 and Brisbane is on UTC+10. Neither city uses daylight saving. When it is 11:00 am in Brisbane, what time is it in Darwin?

Question 9

In January, Sydney uses daylight saving and is on UTC+11. Tokyo is on UTC+9 and does not use daylight saving. Mai, who lives in Sydney, wants to call her cousin in Tokyo at 7:30 pm Tokyo time. At what time in Sydney should she call?

Question 10

In June, Perth is on UTC+8 and Melbourne is on UTC+10 (daylight saving does not apply in June). A plane leaves Perth at 23:50 Perth time and lands in Melbourne at 05:20 the next morning, Melbourne time. How long is the flight?

Time and time zones: answers

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Question 1

Answer: (a) 19:45 (b) 00:20 (c) 11:05

Question 2

Answer: (a) 3:30 pm (b) 12:45 am (c) 12:10 pm

Question 3

Answer: 5 hours 35 minutes

Question 4

Answer: (a) 2 hours 45 minutes (b) 2 hours 15 minutes

Question 5

Answer: 10:15 pm, which is 22:15

Question 6

Answer: (a) 2 hours 24 minutes (b) Clifton to Dunmore, 1 hour 7 minutes (67 minutes) (c) 09:30 (also accept 9:30 am)

Question 7

Answer: 4:15 pm (Brisbane is 2 hours ahead)

Question 8

Answer: 10:30 am (Darwin is 30 minutes behind)

Question 9

Answer: 9:30 pm (Sydney is 2 hours ahead of Tokyo)

Question 10

Answer: 3 hours 30 minutes (also accept 3.5 hours; departure is 01:50 Melbourne time)