

Grade 5 Worksheet 2: Homework

Topic: Time Zones and Digital Notation

Instructions: Answer all questions in the spaces provided. (Total: 10 marks)

1. The time difference from UTC is used to calculate the time in all other _____. (1 mark)
Answer: _____
2. If the UTC is 06:00, what is the time in a city at UTC +3? (1 mark)
Answer: _____
3. Which notation system uses 24:00 to represent midnight? (1 mark)
Answer: _____
4. If a city is UTC -5, is it ahead of or behind UTC? (1 mark)
Answer: _____
5. The UTC is 01:30 on Tuesday. What is the time and day in Sydney (UTC +10)? (1 mark)
Answer: _____
6. The UTC is 12:00 on Thursday. What is the time and day in Buenos Aires (UTC -3)? (1 mark)
Answer: _____
7. A learner in Beijing (UTC +8) wants to call a friend in London (UTC +0). If it is 20:00 in Beijing, what time is it in London? (1 mark)
Answer: _____
8. Moscow is UTC +3. If it is 08:30 in Moscow, what is the UTC time? (1 mark)
Answer: _____
9. The UTC is 18:00 on Friday. A plane takes off from New York (UTC -4) and lands in London (UTC +0) after a 7-hour flight. What is the local time and day when the plane lands in London? (1 mark)
Answer: _____
10. It is 23:00 on Sunday in Sydney (UTC +10). What is the time and day in New Delhi (UTC +5.5)? (1 mark)
Answer: _____