

Max's Busy Day: A Time-Telling Challenge

Learning objective: To read, write and convert time between analogue and digital 12-hour clocks and solve problems involving duration.

Help Max the monkey organise his day! Read the passage about his schedule carefully, then answer the questions below. Remember to show your working out for the calculation questions.

Max starts his day early. At 07:15, he wakes up and prepares his maths puzzles. By 08:30, he has finished his breakfast and heads to the jungle library. He spends exactly 1 hour and 15 minutes reading about geometry. After that, he meets his friends for lunch at 12:00. In the afternoon, he spends 45 minutes practising his times tables before his tea at 17:30.

Word bank: analogue · digital · duration · midday · midnight · intervals · minutes · seconds · hours

1. Max wakes up at 07:15. If he takes 15 minutes to wash his face and 30 minutes to eat breakfast, what time does he finish breakfast? (2 marks)

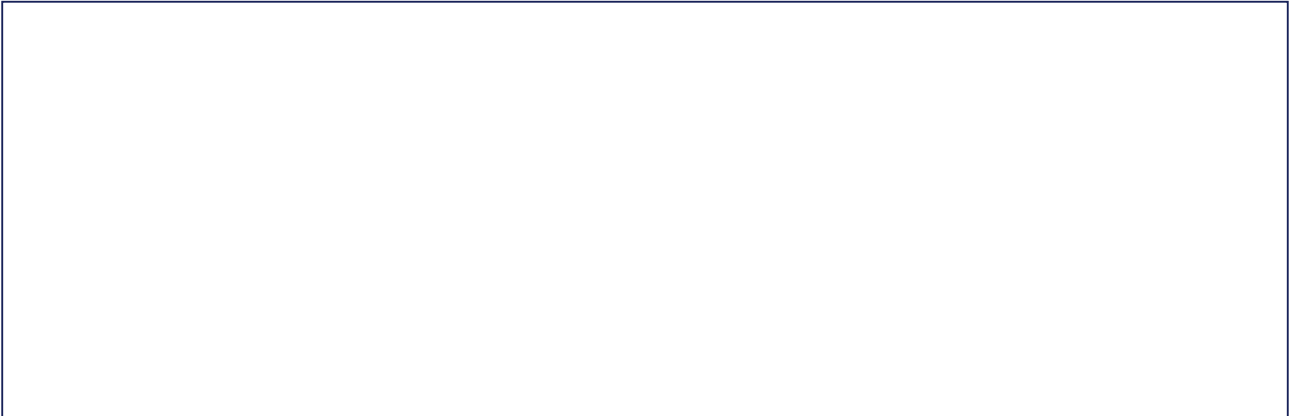
2. Max arrives at the library at 08:30. If he stays for 1 hour and 15 minutes, what time does he leave the library? Write your answer in both digital and analogue formats. (2 marks)

3. How many minutes are there between Max finishing his library session and meeting his friends for lunch at 12:00? (2 marks)

4. If Max starts his times table practice at 16:15, what time will he finish if he practises for 45 minutes? (2 marks)

5. Max wants to save up for a new puzzle book that costs £8.50. He earns £1.50 each day for helping clear the jungle paths. If he works for 6 days, will he have enough money? Explain your reasoning. (3 marks)

Draw: Draw a clock face showing the time Max eats his tea (17:30). Remember to draw the hour hand and the minute hand clearly.



Extension challenge: Max decides to start a new project at 18:00 and finishes at 19:45. How many minutes did he spend on his project in total? Can you convert this into hours and minutes?