

Max the Monkey's Time Challenge

Learning objective: To assess understanding of telling the time on analogue and digital clocks, calculating durations, and converting between units of time.

Read each question carefully. Show your working out for word problems. Use a ruler for drawing hands on clocks where requested.

Max the Monkey is planning a busy day in the jungle. He needs to keep track of his schedule to make sure he has time for his favourite maths puzzles and fruit snacks. Help Max solve these time problems.

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

- 1. Max starts his first puzzle at 9:15 am. He finishes at 9:45 am. How many minutes did he spend on his puzzle? (2 marks)**

- 2. Look at a clock showing 10 to 4. Write this time in digital format (12-hour clock). (2 marks)**

- 3. How many seconds are there in 3 minutes? Show your calculation. (3 marks)**

- 4. Max goes to the river at 14:00. What is this time in the 12-hour format? Use 'am' or 'pm'. (2 marks)**

- 5. If Max eats lunch at 12:30 pm and finishes at 1:15 pm, how long was his lunch break? Explain how you worked it out. (4 marks)**

- 6. A clock shows the time is 25 minutes past 8. If the clock is 10 minutes fast, what is the actual time? (3 marks)**

7. Max wants to organise his Saturday. Write a short plan of three activities Max could do. Include the start time and end time for each activity, ensuring the total duration of his day is between 4 and 6 hours. Explain why he needs to be careful with his timings. (9 marks)

Draw: Draw a clock face showing 20 minutes to 7. Use a ruler to draw the hands clearly.



Extension challenge: Total: /25