

Max's Time-Travelling Maths Challenge

Learning objective: To tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour clocks; and to compare the duration of events.

Help Max the monkey organise his day! Read each question carefully and use your knowledge of clocks to solve these time puzzles.

Word bank: analogue · digital · duration · hour hand · minute hand · quarter past · half past · quarter to

1. Max starts his maths puzzle at 09:15. If the puzzle takes him 30 minutes to finish, what time does he finish? Write your answer in both words and digital format. (2 marks)

2. An analogue clock shows the hour hand pointing between III and IV, and the minute hand pointing at the VI. What time is it shown on the clock? (1 mark)

3. If it is currently 10:45, how many minutes must pass until it is 11:00? (1 mark)

4. Max spends £5.00 on a new stopwatch. If he starts timing his friend at 2:00 and stops at 2:15, how many minutes did the activity last? (1 mark)

5. Write these times in order from the earliest in the day to the latest: 11:30, 09:15, 12:00, 08:45. (2 marks)

Draw: Draw a clock face showing the time 'quarter to five'. Make sure your hour hand is in the correct position between the IV and the V.



Extension challenge: Max wants to know how many hours are in one whole day. If he sleeps for 10 hours, how many hours is he awake? Show your working out.