

## 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.*

Max the monkey is planning his day at the park. Help him solve these time puzzles by matching his activities to the correct times and calculating how long he spends at each station. Use the word bank to help with your answers.

*Word bank: quarter past · half past · quarter to · o'clock · duration · analogue · digital*

**1. Max starts his math puzzle at 09:15. If he finishes at 09:45, how many minutes did he spend solving it? Write your answer as a time phrase. (2 marks)**

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**2. Max wants to meet Pip the caterpillar at the park at 14:30. What would this time look like on a 12-hour analogue clock face? (Use 'past' or 'to' in your description). (2 marks)**

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**3. Max buys a banana for 80p and a drink for 45p. If he pays with a £2 coin, how much change should he receive? (2 marks)**

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**4. If Max starts his lunch at 12:15 and finishes at 13:00, how many minutes does his lunch break last? (2 marks)**

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**5. Max says, 'If it is quarter to four, the digital clock shows 15:45.' Is he correct? Explain your reasoning using the words 'hour' and 'minutes'. (2 marks)**

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**Draw:** Draw a large analogue clock face showing the time 10:45. Use a long hand for the minutes and a short hand for the hour.



*Extension challenge: Max wants to visit three different stations in the park. Each activity takes 45 minutes. If he starts at 10:00, what time will he finish all three activities? Show your working out.*