

## Max's Busy Day: A Time-Tracking 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 carefully and use your knowledge of clocks to answer the questions below.

Max is planning a busy Saturday at the community park. He starts his day at 08:15 am, when he meets his friends for a game of tag. They play for exactly 45 minutes before stopping for a snack. At 11:30 am, Max begins a maths puzzle challenge that lasts for 1 hour and 15 minutes. After he finishes his puzzle, he takes a break until 2:00 pm. Finally, he spends 30 minutes writing down his results in his notebook before heading home for tea.

*Word bank: analogue · digital · duration · intervals · midday · midnight*

**1. What time did Max finish his game of tag? Show your answer in 12-hour digital format. (2 marks)**

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**2. If Max started his maths puzzle challenge at 11:30 am and worked for 1 hour and 15 minutes, what time did he finish? (2 marks)**

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**3. How many minutes passed between Max finishing his maths puzzle and starting his notebook task at 2:00 pm? (2 marks)**

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**4. Max says, 'I spent a total of 75 minutes on my maths puzzles.' Is he correct? Explain your answer. (2 marks)**

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**5. If Max finishes writing in his notebook at 2:30 pm, how much time has passed since he first started his day at 08:15 am? (3 marks)**

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**Draw:** Draw a clock face showing the time Max finished his maths puzzle challenge.  
Remember to draw the hour and minute hands clearly.



*Extension challenge: Max wants to organise a race that lasts for 1 hour and 40 minutes. If the race starts at 3:15 pm, what time will it finish? Can you show this time on both an analogue clock face and a digital clock?*