

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 organize 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 math 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)

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

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

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

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)

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



Extension challenge: Max wants to organize 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?