

# Max's Time-Telling Adventure

*Learning objective: To read, write and convert time between analogue and digital 12-hour and 24-hour clocks.*

Read the information below about Max the monkey's busy day. Use your knowledge of time to answer the questions. Remember to show your working out if you are converting between 12-hour and 24-hour formats.

Max the monkey has a very busy schedule in the jungle! He wakes up at 07:00 (7:00 a.m.) to start his maths puzzles. At 13:30, he meets his friends for a fruit snack. By 16:45, he is busy mapping out the trees. Finally, he settles down to sleep at 21:00, ready to dream about numbers all night long.

*Word bank: Analogue · Digital · 12-hour clock · 24-hour clock · A.M. · P.M. · Midnight · Midday · Duration · Interval*

**1. If Max meets his friends at 13:30, what is that time in 12-hour format? Include a.m. or p.m. (2 marks)**

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**2. Max starts mapping trees at 16:45. How would this time be written on an analogue clock face? (2 marks)**

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**3. How many hours and minutes are there between Max waking up at 07:00 and his fruit snack at 13:30? (2 marks)**

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**4. If Max goes to sleep at 21:00, how many hours is this after midday (12:00)? (2 marks)**

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**5. Max spends 45 minutes solving a puzzle. If he starts at 08:15, what time does he finish? (2 marks)**

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**Draw:** Draw an analogue clock face showing the time 16:45. Use a red pencil for the hour hand and a blue pencil for the minute hand.



*Extension challenge: Max wants to travel to a new part of the forest. The journey takes 150 minutes. How many hours and minutes is this in total? Show your calculation.*