

Max the Monkey's Time-Telling Adventure

Learning objective: To read, write and convert time between analogue and digital 12-hour clocks, and calculate durations in hours and minutes.

Help Max the Monkey solve these time puzzles. Remember to use the correct units (am/pm) and show your working out for the duration questions.

Max the Monkey is planning a busy Saturday in the jungle. He wakes up at 7:15 am to start his exercises. At 9:30 am, he meets Pip the caterpillar to read stories in the library. They finish their reading at 11:00 am. In the afternoon, Max helps Zara the zebra paint a mural. They start at 1:45 pm and finish at 3:15 pm. Max always makes sure he is home before it gets dark!

Word bank: analogue · digital · duration · interval · midnight · midday

1. Look at the passage. If Max finishes reading at 11:00 am, how long did he and Pip spend reading together? (2 marks)

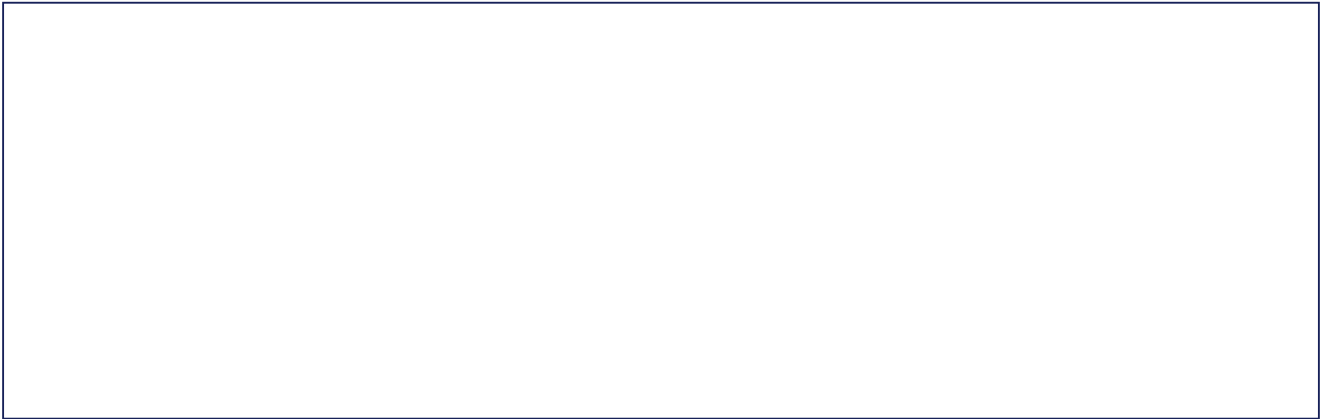
2. Write 1:45 pm as it would appear on a 24-hour digital clock. (1 mark)

3. Max starts painting with Zara at 1:45 pm and finishes at 3:15 pm. How many minutes long was their painting session? (2 marks)

4. If Max goes to bed at 8:30 pm, write this time in analogue format. (1 mark)

5. Max spends 45 minutes walking to the river. If he leaves his house at 10:15 am, what time does he arrive? (2 marks)

Draw: Draw an analogue clock face showing the time Max finishes his reading session (11:00). Make sure the hour hand and minute hand are clearly different sizes.



Extension challenge: Max wants to bake a cake for his friends. The cake takes 1 hour and 25 minutes to bake. If he puts it in the oven at 2:50 pm, what time will it be ready? Show your calculation.