

Max's Time-Traveling Clock Store

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

Max the monkey is organising his store of clocks! Use the drawing space below to help him finish his inventory. Follow the steps carefully and make sure your clock faces are clear and accurate.

Draw: Draw a large, clear circle in the center of the page to represent an analogue clock face. Add the numbers 1 to 12 around the edge. Leave space around the clock to draw three smaller boxes to act as 'digital displays'. Use a pencil to sketch the clock hands clearly. You may add Max the monkey standing next to the clock holding a magnifying glass.



Label words: Analogue · Digital · Hour hand · Minute hand · 12-hour clock · 24-hour clock

Steps:

1. Step 1: Draw a clock face showing 10:15 am. Draw the short hour hand pointing just past the 10 and the long minute hand pointing at the 3. Write the 24-hour time next to your drawing.
2. Step 2: Max's store opens at 09:00 and closes at 17:30. How many hours and minutes is the store open for?
3. Step 3: If a customer arrives at 14:00 and stays for 45 minutes, what time do they leave? Write this in 12-hour format.

4. Step 4: Label the 'hour hand' and 'minute hand' on your drawing from Step 1.
5. Step 5: If it is 11:45 pm, what is the next hour on a 24-hour clock?