

Mastering Time with Max the Maths Monkey

Learning objective: To consolidate understanding of time, including 12 and 24-hour clocks, converting between units of time, and calculating intervals.

Review these cards to master time. Use them to test your knowledge of analogue, digital, and 24-hour clock conversions.

If it is 3:45 PM on an analogue clock, how is this written in 24-hour format?

15:45

Max starts his maths puzzle at 09:15 and finishes at 10:50. How long did he spend on the puzzle?

1 hour and 35 minutes

Convert 145 minutes into hours and minutes.

2 hours and 25 minutes

What is the 24-hour time for 15 minutes past midnight?

00:15

If a train journey lasts 130 minutes, how many hours and minutes is this?

2 hours and 10 minutes

Compare 11:00 PM and 23:00. Are they the same time?

Yes, they are identical.

A film starts at 18:30 and lasts for 125 minutes. At what time does it finish?

20:35

If it is 08:45, how many minutes are there until 10:15?

90 minutes (or 1 hour and 30 minutes)

Explain why 12:00 is often called 'midday' or 'noon'.

It is the middle of the day when the sun is at its highest point.

How many days are there in a leap year, and which month gains an extra day?

366 days; February (February 29th).

If Max has £10.00 and earns £2.50 for every hour of work, how long must he work to earn £15.00?

6 hours

Justify why we use the 24-hour clock in travel timetables.

It prevents confusion between AM and PM, ensuring accuracy for departures and arrivals.