

Max's Time-Travelling Maths Challenge

Learning objective: To calculate intervals of time, convert between units, and solve problems involving 12-hour and 24-hour clocks.

Use these flashcards to test your knowledge of time. Max the Monkey has prepared these challenges to help you become a master of schedules and durations.

What is 14:30 on a 12-hour clock?

2:30 PM

If a train journey starts at 09:15 and lasts for 2 hours and 45 minutes, what time does it arrive?

12:00

How many minutes are in 3 and a half hours?

210 minutes ($3 \times 60 = 180$, plus 30 = 210)

What is the duration between 21:45 and 23:15?

1 hour and 30 minutes

Write 8:45 PM as it appears on a 24-hour clock.

20:45

If a maths lesson starts at 10:50 and lasts for 55 minutes, what time does it finish?

11:45

How many seconds are in 5 minutes?

300 seconds (5×60)

Max starts his puzzle at 07:30 and finishes at 09:10. How long did he spend solving it?

1 hour and 40 minutes

What is the difference in time between 11:30 AM and 1:30 PM?

2 hours

True or False: 00:00 on a 24-hour clock represents midday.

False, it represents midnight.

If a film starts at 18:20 and is 125 minutes long, what time does it finish?

20:25

How many hours are in 2 days?

48 hours