

# Time - Duration and Calculation

Chapter 7: Time - Duration and Calculation · Topic 1

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## Key Concept

Time duration is the difference between a start time and an end time, like calculating how long a movie or school period lasts.

To calculate duration, we find the difference in hours and minutes between the start and end times, converting when needed.

Adding time involves combining hours and minutes, converting 60 minutes into 1 hour when the total minutes exceed 60.

Understanding time duration and calculations helps us plan our day, manage schedules, and estimate how long activities will take.

## Quick Revision Notes

- Duration = end time - start time.
- We find the difference in hours, minutes.
- Convert when needed (60 min = 1 hour).
- Adding time combines hours and minutes.
- Convert excess minutes into hours.
- This helps calculate accurate duration.
- It aids daily planning.
- It helps manage schedules and estimate time.

## Practice Questions

- 1 Calculate the duration between 9:15 and 11:45.
- 2 Calculate the duration of your school day.
- 3 Add 45 minutes and 30 minutes.
- 4 Calculate how long a 2-hour movie starting at 4:00 ends.
- 5 Solve a word problem involving time duration.
- 6 Discuss how you use time duration in daily life.