

12- and 24-hour time systems and solve practical problems involving...

compare 12- and 24-hour time systems and solve practical problems involving the conversion between them

Learning intention

- compare 12- and 24-hour time systems and solve practical problems involving the conversion between them

Teach and model

- using timetables written in 24-hour time, such as flight schedules, to plan an overseas or interstate trip, converting between 24- and 12-hour time
- converting between the digital and analog representation of 24-hour time, matching the same times represented in both systems; setting the time on an analog watch using a...

Check understanding

- Explain the main idea in 12- and 24-hour time systems and solve practical problems involving... using an example.
- Show the idea in a second way: with words, a model, a diagram or symbols.
- Apply the idea to a short unfamiliar situation and justify the result.

Teaching cautions

- Ask the student to explain their choice, not only state an answer.
- Check that key vocabulary is understood in a new example.
- Mix representations so the skill is transferred rather than copied.

Quick lesson sequence

- Connect to prior knowledge and introduce the key vocabulary.
- Model one clear example, then solve a second example together.
- Finish with an independent check and a short student explanation.