

Calendars, durations and problem-solving

MODULE 6 · TIME AND MONEY

MEASURES

HOW TO ANSWER TODAY

- **Time arithmetic.** Add or subtract minutes first; if you go past 60, carry an hour.

10:15 + 2 h 30 min → 12:45

- **Elapsed time.** Count up to the next hour, then in whole hours, then the remaining minutes. Add the parts.

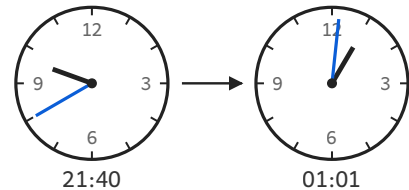
14:30 → 16:45: 30 min to 15:00, 1 h to 16:00, 45 min to 16:45 → 2 h 15 min

★ STRETCH PROBLEMS

- 1 Cara's big cousins are heading home by coach from a late wedding in Glendalough. Their coach is due to arrive in town at **01:15**. The journey takes **1 hour 15 minutes**. What time did the coach leave Glendalough?



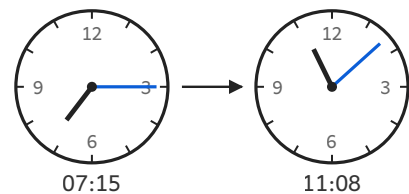
- 2 Oisín's family catch the overnight coach from Cork to Dublin. The coach leaves at **21:40** and arrives at **01:01**. How much time does the journey take?



- 3 Méabh's family take the night coach to the airport. It leaves at **02:55**. The journey takes **2 hours 23 minutes**. What time does the coach arrive?



- 4 Fionn and his dad set off on their Saturday spin along the local cycle path at **07:15**. They finish the route at **11:08**. How much time passes?



- 5 The overnight ferry from Cork docks at **04:35** in the morning. It set off **4 hours 52 minutes** before it docked. At what time did the ferry set off?

