

Elapsed time across hours and days

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.

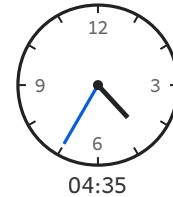
$10:15 + 2 \text{ h } 30 \text{ min} \rightarrow 12:45$

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

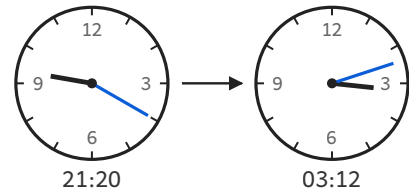
$14:30 \rightarrow 16:45$: 30 min to 15:00, 1 h to 16:00, 45 min to 16:45 $\rightarrow 2 \text{ h } 15 \text{ min}$

STRETCH PROBLEMS

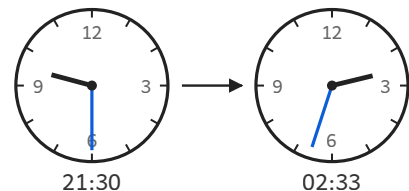
- 1 The overnight ferry from Cork docks at **04:35** in the morning. It set off **4 hours 52 minutes** before it docked. At what time did the ferry set off?



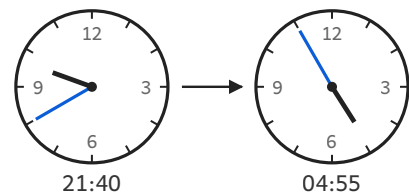
- 2 The 5th class wildlife camera in the school garden starts recording at **21:20** and stops at **03:12** the next morning. For how long does the camera record overnight?



- 3 On Christmas Eve, Tadhg's cousins start a board game at **21:30** and play right through until **02:33** on Christmas morning. How much time passes while they are playing?



- 4 Oisín's family take the overnight ferry from Dublin to Holyhead. The ferry leaves the port at **21:40** and docks at **04:55** the next morning. How long does the crossing take?



- 5 5th class set off from the school yard for their tour to the Cliffs of Moher at **09:50**. The coach pulls into the Cliffs car park at **13:12**. How long does the journey take?

