

Plan our class trip: Glendalough or Newgrange?

MODULE 9 · MATHEMATICAL MODELING AND END-OF-YEAR REVIEW REVIEW

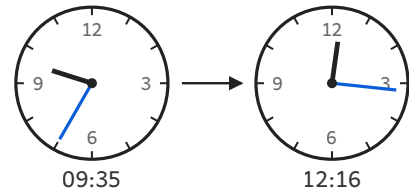
HOW TO ANSWER TODAY

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

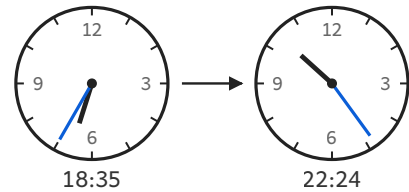
14:30 → 16:45: 30 min to 15:00, 1 h to 16:00, 45 min to 16:45 → 2 h 15 min

★ STRETCH PROBLEMS

- 1 The morning bell rings at **09:35** for 5th class to start their first lesson. They keep working through the morning until the lunch bell rings at **12:16**. How much time passes between the two bells?



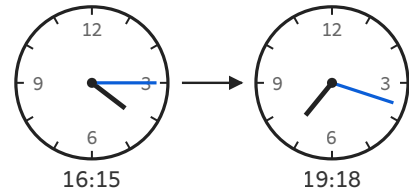
- 2 Cian's family go to the cinema in Galway on Saturday evening. The film starts at **18:35** and finishes at **22:24**. How long does the film last?



- 3 5th class collected **€36.20** in ticket sales for the Christmas hamper raffle. They spent **€13.78** on the hamper itself. How much money is left over for the class fund?



- 4 On Christmas Eve, Tadhg's cousins arrive at the house at **16:15** and stay chatting until **19:18**, when the dinner is finally served. How much time passes between the cousins arriving and the Christmas dinner being served?



- 5 Saoirse's mam fills the trolley at the local SuperValu and the bill for fresh food comes to **€89.34**. The household items in a second basket come to **€59.76**. How much is the full shop altogether?