

Units of time and how they relate

MODULE 6 · TIME AND MONEY

MEASURES

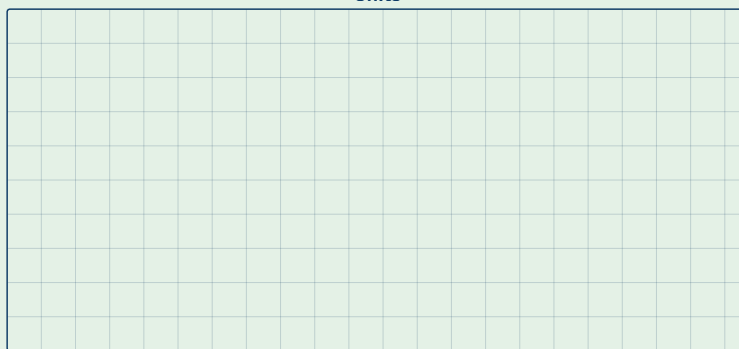
HOW TO ANSWER TODAY

- **12-hour ↔ 24-hour.** 24-hour uses 00–23, no am/pm. For pm times, add 12 to the hour.
3:30 pm → 15:30 · 08:15 → 8:15 am
- **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

TRY IT ON THE LINE

Rename each measure using equivalent units.

Units



1. Rewrite each measure in the smaller unit (e.g. m to cm).
2. Rewrite it back in the larger unit.
3. Put a set of measures in order once they are in the same unit.

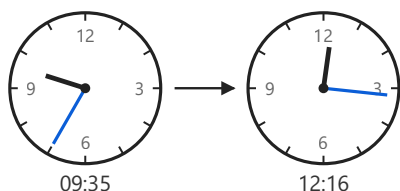
PRACTICE

1



Cian starts a long hill walk with his family at **04:35** on the morning of a charity climb up Carrauntoohil. The walk up takes **2 hours** and **56 minutes**. What time does he reach the top?

2



4th class start their school tour walk around Glendalough at **09:35** and arrive back at the coach at **12:16**. How long does the walk take?