

Elapsed time across hours and across midnight

MODULE 5 · TIME AND MONEY NUMBER

When elapsed time crosses an hour mark, **bridge through the hour**: count to the next o'clock first, then add the rest.

→ 11:48 → 12:30: 12 min to reach 12:00, then 30 min to 12:30. Total: **42 min.**

→ 9:50 → 11:15: 10 min to 10:00, then 1 h 15 min. Total: **1 h 25 min.**

HOW TO ANSWER TODAY

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

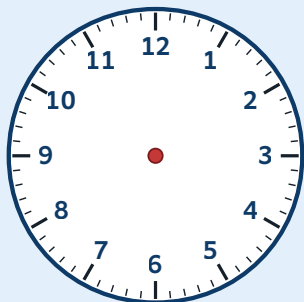
14:30 → 16:45: 30 min to 15:00, 1 h to 16:00, 45 min to 16:45 → 2 h 15 min

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

10:15 + 2 h 30 min → 12:45

 TRY IT ON THE LINE

Bridge through the next o'clock first, then add the rest. Use the clock face to count the minutes in each leg.

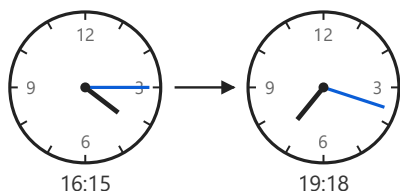


1. Start **11:48**, end **12:30**. Bridge: 12 min to 12:00, then 30 min to 12:30 = ____ min total.
2. Start **9:50**, end **11:15**. Bridge: 10 min to 10:00, then 1 h 15 min = ____ h ____ min.
3. Start **23:30** (Tuesday), end **01:15** (Wednesday). Across midnight: 30 min to 24:00, then 1 h 15 = ____ h ____ min.

ridge through each whole hou

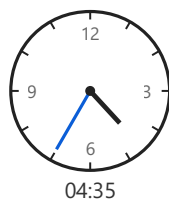
PRACTICE

1



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?

2



Saoirse's cousins arrive at the house at **04:35** on the morning of Christmas Eve after a long drive from Galway. They need to rest for **2 hours** and **56 minutes** before opening presents together. What time will they start opening presents?