

Elapsed time across hours and days

WHAT THIS LESSON TEACHES

To find elapsed time jump forward in stages: first to the next whole hour then whole hours then last minutes and add the hops.

→ From 19:40 to 22:15: 20 min to 20:00 then 2 h to 22:00 then 15 min. Total 2 h 35 min.

→ From 22:30 to 06:15 next day: 1 h 30 min to midnight then 6 h 15 min = 7 h 45 min.

MODEL THIS ON THE BOARD

COUNT HOPS ON THE CLOCK

- ① Start at 14:20 and add 2 h 45 min.
- ② Jump 40 min to 15:00.
- ③ Add 2 whole hours to 17:00.
- ④ Add 5 min to 17:05.
- ⑤ Total time is 2 h 45 min.

ANSWER KEY

Scaffold: visual check on the page

Q1: 2 h 30 min

Q2: 18:15

Q3: 12:05

Q4: 53 h

a) Always — The method works for any start and end times within the range.

b) Never — Hops work across midnight by going to midnight then adding more.

c) Always — It is always 5 hours so the statement is true always but fits the skill.

d) Sometimes — It is needed exactly when direct subtraction would require borrowing across hours.

EXTENSION SHEET · STRETCH ANSWERS

S1: 5 h 52 min

S2: 5 h 3 min

S3: 7 h 15 min

S4: 23:43

S5: 07:31