

Time and money problem-solving review

WHAT THIS LESSON TEACHES

In a two-step problem you must work out one thing first before you can find the final answer. Keep the time step and the money step separate — do not mix minutes with euro.

→ A journey from 9:30 to 10:15 lasts 45 minutes.

→ Two snacks cost $\text{EUR}1.50 + \text{EUR}0.80 = \text{EUR}2.30$, so the change from EUR5 is EUR2.70.

MODEL THIS ON THE BOARD

BUS TRIP: TIME THEN CHANGE

- 1 The bus leaves at **14:20** (that is **2:20** p.m.). Add the **40**-minute journey: $2:20 + 40 \text{ min} = \mathbf{3:00}$ p.m.
- 2 A snack costs **€1.50**. You pay with **€2**.
- 3 $\text{€}2.00 - \text{€}1.50 = \mathbf{\text{€}0.50}$ change.



DISCUSSION STARTER

REFLECT In a mixed time-and-money problem, which part do you tackle first?

ANSWER KEY

Scaffold: visual check on the page

Q1: 2:30

Q2: €2.10

Q3: 45 min

Q4: €2.40 total, €2.60 change

EXTENSION SHEET · STRETCH ANSWERS

S1: 12:55 pm ↔ 12:55

S2: €1.40 (€1.04 = 104 cent; €1.40 = 140 cent)

S3: €4.90 (€4.09 = 409 cent; €4.90 = 490 cent)

S4: €18.86

S5: 23:43