

CHAINED CLUE SOLUTION

- ➊ Add the journey time to the departure to find arrival.
- ➋ Check if arrival is before the cutoff time for discount.
- ➌ Calculate the discounted price and any change.

 WARM-UP

Write each calculation neatly on its ruled line.

1. Work out the arrival time of the 16:25 train after 2 hours 15 minutes
2. Find 20% of €18 for the early-bird saving
3. Calculate the change from €20 when the ticket costs €14.40

16:25 + 2 h 15 min =

20% of €18 = _____

$$€20 - €14.40 =$$

PRACTICE

- 1 A train leaves Cork at 15:40 and takes 1 hour 50 minutes to reach Dublin Heuston.

15:40 plus 1 hour 50 minutes equals what arrival time?

- 2 You arrive in Dublin Heuston at 17:30 on the Cork train.

Is 17:30 before 18:00 so the €18 ticket gets 20 percent off?

- 3 The early-bird discount applies to your €22 ticket from Cork.

What is 20 percent off €22?

- 4 After the discount on the Limerick ticket you pay with a €20 note.

€18 minus 20 percent then subtract from €20 gives what change?

ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. A 10% discount on a €45 ticket saves more than €5.
- b. A 20% discount on €18 leaves a price of €14.40.
- c. Paying €14.40 with a €20 note gives less than €6 change.
- d. A clue chain starts with an elapsed time calculation.

REFLECT

Which do you find easier to keep track of — time or money? Why?