

metables

discover

I go to Breakfast Club, so the school bus picks me up from Clemence Way at twenty-five minutes to 8.

Anderton Primary School Buses

Stop	Bus A	Bus B	Bus C
Nicolson Street	07:15	07:30	07:45
Clemence Way	07:35	07:50	08:05
Hart Lane Shops	07:42	07:57	08:12
Mason Avenue	07:46	08:01	08:16
Marigold Crescent	07:56	08:11	08:26
Anderton Primary School	08:05	08:20	

Emma

Max

1 a) What time does Emma arrive at school?

b) All the buses take the same time to get to school. What time does Bus C arrive at school?

Share

a) Each column of the timetable shows a different bus. Each row shows a different place.

Stop	Bus A
Nicolson Street	07:15
Clemence Way	07:35
Hart Lane Shops	07:42
Mason Avenue	07:46
Marigold Crescent	07:56
Anderton Primary School	08:05

Timetables are usually written in 24-hour digital time, so you will have to convert first.

← Twenty-five minutes to 8
= 7:35 am
= 07:35

Emma catches Bus A. Emma arrives at school at 08:05 (five minutes past 8).

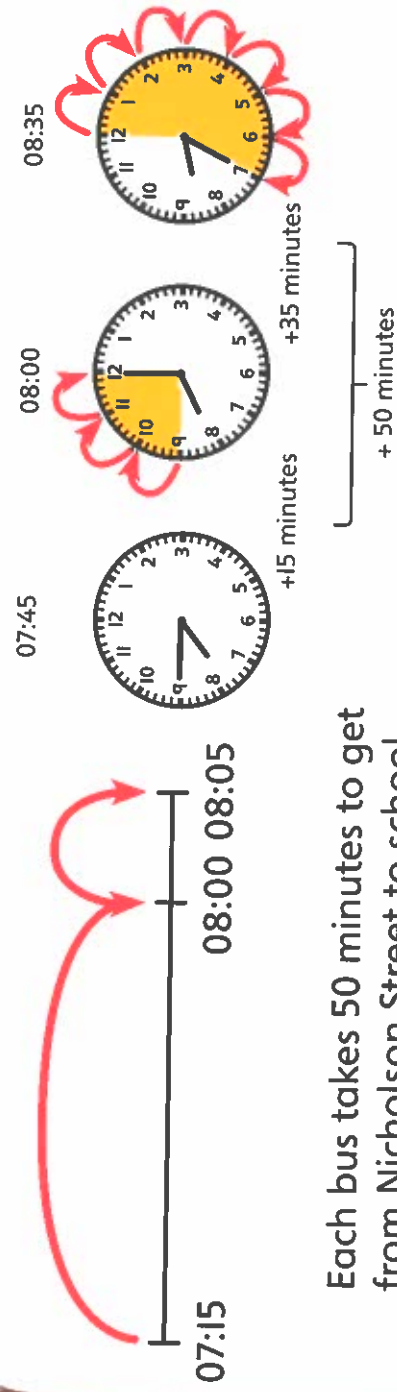
b)

I am going to use the information from the other buses to work out the hidden time.

Stop	Bus A	Bus B
Nicolson Street	07:15	07:30
Anderton Primary School	08:05	08:20

Bus A

Bus C



Each bus takes 50 minutes to get from Nicholson Street to school. Bus C arrives at school at 08:35.

Think together

Look at this train timetable.

Littleborough	14:13	14:43	15:13	15:43
Birchfield	14:37	15:07	–	16:07
Ashtown Parkway	15:09	15:39	–	16:39
Ashtown Central	15:20	15:50	16:00	16:50

a) Lexi gets on the 15:07 train at Birchfield.

What time does she arrive in Ashtown Central?

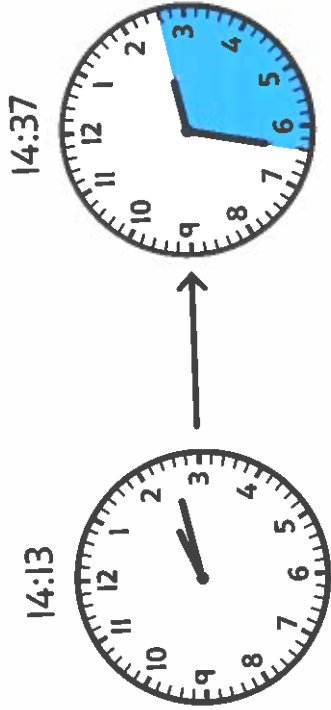
Lexi arrives in Ashtown Central

at : .

Littleborough	14:43
Birchfield	15:07
Ashtown Parkway	15:39
Ashtown Central	15:50

b) Andy gets on the 14:13 train at Littleborough.

Littleborough	14:13
Birchfield	14:37
Ashtown Parkway	15:09
Ashtown Central	15:20



How long does it take to get to Birchfield?

It takes minutes to get to Birchfield.

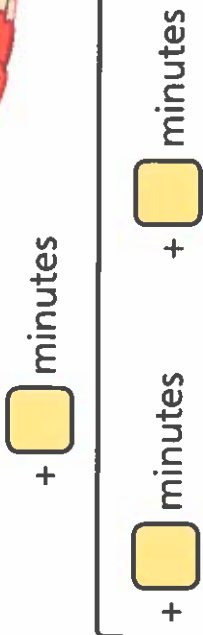
2 How long does it take to get from Birchfield to Ashtown Parkway?

Littleborough	14:13
Birchfield	14:37
Ashtown Parkway	15:09
Ashtown Central	15:20

It takes minutes to get from

Birchfield to Ashtown Parkway.

The journey crosses the o'clock boundary, so I am going to count in two jumps.



3 The 15:13 train from Littleborough to Ashtown Central is an express train. It does not stop anywhere else.

Littleborough	15:13
Birchfield	–
Ashtown Parkway	–
Ashtown Central	16:00

How much quicker is it for Aki to catch the express train than one of the other trains?

I am going to work out how long each journey is before finding the difference.



I want to get from Littleborough to Ashtown Central as quickly as possible!

Aki

I think there is a quicker way. I can compare the departure and arrival times of the two journeys.



CHALLENGE