

**TARGET** To complete, read and interpret information in tables.

**Example**

At a multiscreen cinema there are four performances daily at each of the five screens. This table shows the size of audience for each performance on one Saturday.

Screen	Performance			
	3 pm	5 pm	7 pm	9 pm
1	240	180	70	20
2	190	210	250	110
3	80	70	120	90
4	140	170	130	80
5	50	90	160	230

- 1 What was the audience in Screen 2 at 9 pm?  
Answer 110
- 2 Which performance in Screen 1 had an audience of 180?  
Answer 5 pm
- 3 What was the combined audience for the first two performances in Screen 4?  
Answer 310 (140 + 170)
- 4 Which performance had an audience of 120?  
Answer 7 pm performance in Screen 3
- 5 At 7 pm how many fewer people were in the audience in Screen 1 than in Screen 2?  
Answer 180 (250 - 70)
- 6 How much larger was the audience in Screen 5 for the 9 pm performance than the 7 pm?  
Answer 70 (230 - 160)

**A**

At regular intervals in the Autumn Term the children in a class were given 60 mental calculations and five minutes to answer as many as they could. These are the scores of the children on one table.

Name	Test 1	Test 2	Test 3	Test 4
Kay	18	28	26	35
Gill	28	29	37	42
Zain	26	34	41	53
Lori	19	21	25	37
Ruja	25	27	43	44
Tim	23	22	34	39

- 1 How many did Tim score:
  - a) in Test 1
  - b) in Test 4?
- 2 Who scored 34:
  - a) in Test 2
  - b) in Test 3?
- 3 Who had the highest score:
  - a) in Test 1
  - b) in Test 3?
- 4 In which test did:
  - a) Lori score 37
  - b) Gill score 37?
- 5 In which Test did Kay make her greatest improvement?
- 6 How many more was scored in Test 4 than Test 1 by each of the children?



**B**

This table shows the number of bottles of milk sold in a supermarket.

Size	Red top	Green top	Blue top
1 litre	82	49	54
2 litres	46	78	39
3 litres	17	25	32

- How many of these bottles were sold?
  - 1 litre bottles of red top
  - 2 litre bottles of blue top
  - 3 litre bottles of green top
- How many more 2 litre bottles were sold of green top than red top?
- How many fewer 1 litre bottles were sold of green top than blue top?
- How many more 2 litre bottles of red top were sold than 3 litre bottles of red top?
- How many fewer 2 litre bottles of blue top were sold than 1 litre bottles of blue top?
- Give the total number of 3 litre bottles sold.
- Give the total number of blue bottles sold.
- Copy and complete the table.

Type of milk	Number of bottles sold	Number of litres sold
red top		
green top		
blue top		

**C**

This table shows the number of cars entering and leaving the 3 levels of a car park hourly after its 08:00 opening. Cars entering are shown in black. Cars leaving are shown in red.

Hour	Level 1		Level 2		Level 3	
1st	54	0	12	0	5	0
2nd	35	13	61	2	18	0
3rd	59	52	44	37	31	3
4th	48	65	25	39	26	29

- How many cars entered the car park in:
  - the 1st hour
  - the 2nd hour?
- In the first two hours how many cars entered:
  - Level 1
  - Level 3?
- How many cars left the car park in:
  - the 2nd hour
  - the 4th hour?
- How many more cars left Level 1 than Level 2 in:
  - the 3rd hour
  - the 4th hour?
- In the second hour how many more cars entered Level 2 than:
  - Level 1
  - Level 3?
- At the end of the second hour how many cars were on:
  - Level 2
  - Level 1?
- Copy and complete the table showing the number of cars on each level at the end of each hour.

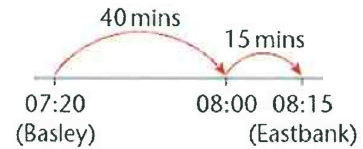
Time	Number of cars		
	Level 1	Level 2	Level 3
09:00			
10:00			
11:00			
12:00			

**TARGET** To read and interpret information in timetables.

	BUS 1	BUS 2	BUS 3	BUS 4	BUS 5
Ashwell	07:00	08:35	10:50	13:25	16:20
Basley	07:20	09:00	11:10	13:45	16:45
Cowthorpe	07:35	09:15	11:25	14:05	17:05
Downford	07:50	09:25	11:35	14:15	17:20
Eastbank	08:15	09:45	11:55	14:35	17:45
Foxhill	08:40	10:05	12:15	15:00	18:05

*Example*

How long is the journey on Bus 1 from Basley to Eastbank?



Answer 55 minutes

## A

- At what time does Bus 1 leave Ashwell?

At what times does Bus 1 stop at:

- Cowthorpe
- Eastbank
- Foxhill?

How long is the journey on Bus 1 from:

- Ashwell to Cowthorpe
- Eastbank to Foxhill
- Basley to Downford?

How long is the journey on Bus 4 from:

- Ashwell to Basley
- Downford to Foxhill
- Cowthorpe to Downford?

- Nathan is meeting a friend at Cowthorpe at 8:00 am. He takes Bus 1 from Ashwell. How long will he have to wait at Cowthorpe?

## B

At what time would you reach:

- Basley on Bus 3
- Eastbank on Bus 5
- Cowthorpe on Bus 2
- Foxhill on Bus 1
- Downford on Bus 4
- Eastbank on Bus 3?

How long is the journey:

- on Bus 2 from Ashwell to Cowthorpe
- on Bus 5 from Downford to Eastbank
- on Bus 3 from Cowthorpe to Downford
- on Bus 4 from Basley to Foxhill?

- Which bus would you take from Ashwell if you need to be at Foxhill by:
  - 4:00 pm
  - 11:00 am
  - 6:00 pm?

## C

- How long does each bus take to travel from Ashwell to Cowthorpe?
- How long does each bus take to complete the journey from Ashwell to Foxhill?

Which bus should someone take from Ashwell if they need to be:

- in Cowthorpe at 11:00 am
- in Foxhill at 1:30 pm
- in Downford at 9:00 am
- in Eastbank at 2:00 pm?

At what time would you catch a bus at Basley to be at:

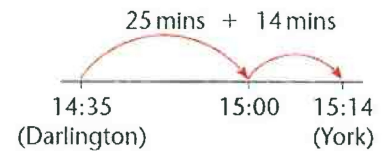
- Eastbank at 10:00 am
- Downford at 5:30 pm
- Downford at 2:30 pm
- Cowthorpe at 2:00 pm?

**TARGET** To practise using a timetable to find information.

Newcastle	08:15	09:53	11:27	–	14:02
Darlington	08:48	10:26	12:00	–	14:35
York	09:27	11:05	12:39	13:58	15:14
Leeds	09:55	11:33	13:07	14:26	15:42
Huddersfield	10:16	11:52	13:26	14:45	16:01
Manchester	10:54	12:30	14:02	15:23	16:39
Warrington	–	12:53	–	15:46	–
Liverpool	11:31	13:08	–	16:04	17:16

*Example*

How long does it take the 14:35 from Darlington to reach York?



Answer 39 minutes

## A

- How long does it take the 08:15 from Newcastle to reach Darlington?
- At how many stations does the 14:02 from Newcastle stop?
- At what time does the 11:27 from Newcastle reach:
  - York
  - Manchester?
- If you had to be in Liverpool by 12:30 which train would you catch from Newcastle?
- You arrive at Newcastle at 11:05. How long do you have to wait for the next train to Leeds?
- The 09:53 from Newcastle runs 10 minutes late. At what time will it reach:
  - Huddersfield
  - Warrington?

## B

- How long does it take the 09:53 from Newcastle to travel to:
  - Darlington
  - Leeds
  - Liverpool?
- At how many stations does the 15:14 from York stop before it reaches Liverpool?
- At what time does the 10:26 from Darlington reach Warrington?
- If you had to be in Manchester by 3:00 pm which train would you catch from Leeds?
- You arrive at Newcastle at 10:45. How long do you have to wait for the next train to Huddersfield?
- The 08:15 from Newcastle runs 15 minutes late. At what time will it reach:
  - Manchester
  - Liverpool?

## C

- How long does it take the 13:58 from York to travel to:
  - Huddersfield
  - Liverpool
  - Manchester?
- At what time does the 11:33 from Leeds reach Manchester?
- If you had to be in Huddersfield by 2:00 pm which train would you catch from Darlington?
- You arrive at Newcastle at 13:26. How long do you have to wait for the next train to Leeds?
- You catch the 11:27 from Newcastle. How long do you have to wait at Manchester for the connection to Liverpool?
- The 09:27 from York runs 46 minutes late. At what time will it reach Liverpool?