

### Tricky - Fluency

1a. Look at the bus timetable below.

	Bus A	Bus B	Bus C	Bus D
Prestwich	9:10	10:10	11:00	12:00
Carr Clough	9:20	10:20	11:10	12:10
Kersal	9:30	10:30	11:20	12:20
Cromwell St.	9:40	10:40	11:30	12:30
Manchester	9:50	10:50	11:50	12:40

How long does it take Bus C to get from Cromwell Street to Manchester?

Which three buses take exactly the same amount of time to travel from Prestwich to Manchester?



VF

2a. Here is a timetable for lake cruises. Does each journey last the same amount of time?

	Boat A	Boat B	Boat C	Boat D
Glenridding	2:00	3:00	4:00	5:00
Aira Force	-	3:10	-	5:10
Howtown	2:30	3:30	-	5:30
Pooley Bridge	2:50	3:50	4:40	5:50

How long does it take Boat C to get from Glenridding to Pooley Bridge?



VF

3a. Football Club lasts ten minutes longer than Tennis Club. What time should Football Club end?

Cricket	Hockey	Tennis	Dance	Football
9:00am	9:00am	9:10am	9:30am	9:00am
-	-	-	-	-
9:30am	9:40am	9:40am	9:50am	?

### Trickier - Fluency

4a. Look at the bus timetable below.

	Bus A	Bus B	Bus C	Bus D
Chester	06:45	07:15	07:45	08:15
Capenhurst	06:50	07:20	07:50	08:20
Hooton	07:05	07:35	08:05	08:35
Eastham	07:15	07:45	08:15	08:45
Bromborough	07:20	07:50	08:20	08:50
Liverpool	07:45	08:15	08:55	09:15

Which bus takes the longest amount of time to get from Chester to Liverpool?

How many seconds does it take to get from Hooton to Eastham on Bus B?



VF

5a. Each train takes the same amount of time to travel between each station.

London Euston	18:35		19:25	19:50
Walford	18:50	19:15		
Milton Keynes		19:35	20:00	
Coventry	19:45		20:35	21:00
Birmingham	20:00	20:25		21:15

Calculate the missing times.



VF

6a. Pilates lasts 15 minutes longer than Aerobics. What time does Aerobics start?

Aerobics	Yoga	Pilates	Zumba	Karate
?	18:05	19:25	20:30	21:00
-	-	-	-	-
18:05	19:25	20:30	21:00	21:45

### Trickiest - Fluency

7a. Look at the train timetable below.

	Train A	Train B	Train C	Train D
West Kirby	18:36	19:08	19:24	19:53
Hoylake	18:39	19:11	19:27	19:56
Leasowe	18:48	19:20	19:36	20:05
Birkenhead	18:54	19:26	19:42	20:11
Hamilton	19:01	19:33	19:49	20:18
Lime Street	19:08	19:40	19:56	20:25

Train B is delayed for 17 minutes at Leasowe. What time will it arrive at the other stations?

How many more seconds does it take to get from Hamilton to Lime Street than West Kirby to Hoylake?



VF

8a. Each boat takes the same amount of time to travel between each pier.

Bankside Pier		12:46	13:04	
Blackfriars Pier	12:22		13:07	13:31
Embankment Pier	12:29		13:14	13:38
Millbank Pier		13:04		13:46
Vauxhall Pier		13:07	13:25	
Battersea Pier	12:43		13:28	13:52

Calculate the missing times.



VF

9a. Ballet lasts 18 minutes longer than Street Dance and ends 14 minutes before Tap begins. What time should Ballet start and end?

Ballet	Tap	Street	Ballroom
?	13:45	15:05	15:55
-	-	-	-
?	14:10	15:55	16:45

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Hooton	07:05	07:35	08:05	08:35
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Bromborough	07:20	07:50	08:20	08:50
Liverpool	07:45	08:15	08:55	09:15

Which bus takes the longest amount of time to get from Chester to Liverpool?

How many seconds does it take to get from Hooton to Eastham on Bus B?



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Calculate the missing times.



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Battersea Pier	12:43		13:28	13:52

Calculate the missing times.



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?	13:45	15:05	15:55
-	-	-	-
?	14:10	15:55	16:45

**Developing**

- 1a. 20 minutes; A, B and D
- 2a. No; 40 minutes
- 3a. 9:40am

**Expected**

- 4a. C; 600 seconds

5a.

London Euston	18:35	19:00	19:25	19:50
Wafford	18:50	19:15	19:40	20:05
Milton Keynes	19:10	19:35	20:00	20:25
Coventry	19:45	20:10	20:35	21:00
Birmingham	20:00	20:25	20:50	21:15

- 6a. 17:15

**Greater Depth**

- 7a. Birkenhead – 19:43; Hamilton – 19:50;  
Lime Street – 19:57; 240 seconds

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Bankside Pier	12:19	12:46	13:04	13:28
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