

# Answers from Wednesday lesson

19:30  
 09:47  
 21:43  
 00:00/24:00  
 17:15  
 12:00  
 22:45  
 05:00  
 8:38pm/ 36 minutes past 8 in the evening  
 11pm. Eleven o'clock in the evening.

Forever Friends  
 Super Sonic  
 Dance School

Forever Friends  
 Clowning Around  
 Dance School

15:45  
 14:42  
 18:26  
 Bus 24

1hr 15 mins  
 1hr 35 mins  
 2 hrs 10 mins  
 2hrs 40mins

Forever Friends  
 Ghost House

Forever Friends: 95mins  
 Clowning Around: 105mins  
 Ghost House: 80mins  
 Super Sonic – 115mins  
 Dance School: 110mins

09:00	10:50	12:30	14:10	15:50	17:30	19:10	21:00
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£7.00  
 95p  
 Large drink and bag of sweets

# Train Timetables



# Aim

- I can complete, read and interpret information presented in a train timetable.

# Success Criteria

- I can read and interpret a train timetable written using 24-hour time.
- I can calculate how much time has passed in hours and minutes.
- I can answer questions about the information shown in a train timetable and explain my reasoning.

You've done a lot of work in timetables now, so not much to learn today – just getting to look at a different type of timetable and answering questions.

If you do struggle or need help , remember to e-mail me directly or infoline 😊

# Journey Time

How long is the train journey from Stevenage to Doncaster in hours and minutes?

London King's Cross » Newcastle	
London King's Cross	13:00
Stevenage	13:37
Peterborough	14:06
Doncaster	14:57
York	15:18
Newcastle	16:16

How long is the train journey from  
London King's Cross to Newcastle in hours and minutes?

London King's Cross » Newcastle	
London King's Cross	13:00
Stevenage	13:37
Peterborough	14:06
Doncaster	14:57
York	15:18
Newcastle	16:16

How long is the train journey from Peterborough to York in minutes?

London King's Cross » Newcastle	
London King's Cross	13:00
Stevenage	13:37
Peterborough	14:06
Doncaster	14:57
York	15:18
Newcastle	16:16

How long is the train journey from Peterborough to Newcastle in minutes?

London King's Cross » Newcastle	
London King's Cross	13:00
Stevenage	13:37
Peterborough	14:06
Doncaster	14:57
York	15:18
Newcastle	16:16



# Travelling by Train

Callum wants to travel by train to visit his grandparents in Preston.  
He picks up a timetable from the local railway station.

London Euston » Preston						
	A	B	C	D	E	F
London Euston	-	-	15:31	-	17:30	16:43
Rugby	-	-	16:45	-	-	17:20
Birmingham New Street	-	16:15	-	17:15	-	18:15
Wolverhampton	-	16:37	-	17:37	-	18:37
Crewe	15:57	17:09	17:32	18:09	-	19:09
Wigan North Western	16:25	17:38	18:00	18:38	19:25	19:38
Preston	16:38	17:51	18:13	18:51	19:38	19:51

If no time is given, this means that the train passes through that station without stopping, or doesn't start off at that station.

# Train Timetable Questions

We can use the timetable to answer questions about Callum's train journey.

London Euston » Preston						
	A	B	C	D	E	F
London Euston	-	-	15:31	-	17:30	16:43
Rugby	-	-	16:45	-	-	17:20
Birmingham New Street	-	16:15	-	17:15	-	18:15
Wolverhampton	-	16:37	-	17:37	-	18:37
Crewe	15:57	17:09	17:32	18:09	-	19:09
Wigan North Western	16:25	17:38	18:00	18:38	19:25	19:38
Preston	16:38	17:51	18:13	18:51	19:38	19:51

On Train B, how long would it take to travel from Birmingham New Street to Preston?

To be in Preston in time to meet his grandparents at 19:00, what is the latest train Callum should catch from Crewe?

How much quicker is Train C than Train F in travelling from London Euston to Preston?

Callum wants to arrive in Preston by 19:00. He has a ticket for Train D, but it is 21 minutes late. Will he make it to Preston on time?

## London Euston » Preston

	A	B	C	D	E	F
London Euston	13:06	14:08	15:33	15:46	17:37	16:51
Rugby	14:14	15:19	16:06	-	-	17:23
Birmingham New Street	15:12	16:17	17:03	17:18	-	18:19
Wolverhampton	15:34	16:29	17:23	17:36	-	18:34
Crewe	16:09	17:11	-	18:13	-	19:08
Wigan North Western	16:28	17:41	-	18:44	19:27	19:36
Preston	16:43	17:54	18:26	18:52	19:41	19:43

- 1) How long does it take to travel from London Euston to Preston on train C?
- 2) How long does it take to travel from Birmingham New Street to Crewe on train B?
- 3) How long does it take to travel from Wolverhampton to Preston on train D?
4. How much quicker is train E than train F in travelling from London Euston to Preston?
- 5) To be in Crewe before 18:30, what is the latest train you could catch from Rugby? Explain your reasoning.
- 6) If you arrived at London Euston at 15:20, how long would you have to wait to catch the next train to Crewe? Explain your reasoning.

Here is part of a train timetable.

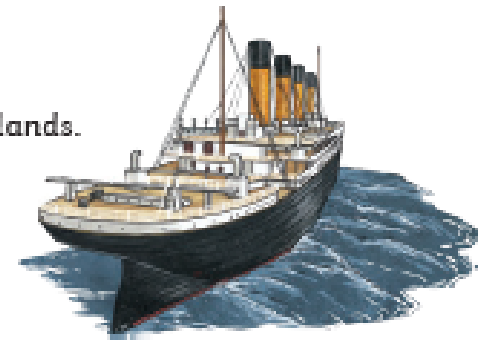
London Euston » Preston						
	A	B	C	D	E	F
London Euston	13:00	14:05	15:30	15:45	17:30	16:45
Rugby	14:15	15:20	16:05	16:20	-	17:20
Birmingham New Street	15:10	16:15	17:00	17:15	-	18:15

- a) Louis says, "It takes 120 minutes to travel from London Euston to Birmingham New Street on train B."  
Is he correct? Explain your answer.
- b) Louis says, "It takes 2000 seconds to travel from London Euston to Rugby on train C."  
Is he correct? Explain your answer.
- c) Write two true statements and one false statement about the train timetable.

# Challenge:

A ferry service operates every day between two islands.

- There are six ferries.
- Ferries A, C and E start the day on Crystal Island.
- Ferries B, D and F start the day on Sandy Island.
- It takes 30 minutes for each ferry to complete a round trip between the two islands.
- A ferry departs from each island every 10 minutes.
- The first ferries of the day leave each island at 07:00.



Complete the ferry service timetable for the first trips of the day.

	A	B	C	D	E	F
Departs Crystal Island						
Arrives Sandy Island						
Departs Sandy Island						
Arrives Crystal Island						