

Varied Fluency

Step 6: Timetables

National Curriculum Objectives:

Mathematics Year 5: (5S1) [Complete, read and interpret information in tables, including timetables](#)

Differentiation:

Developing Questions to support reading and interpreting timetables at 5-minute intervals, not crossing an hour. Use of the 12-hour clock only.

Expected Questions to support reading and interpreting timetables at 1-minute or 5-minute intervals with some crossing over the hour. Use of the 12-hour clock only.

Greater Depth Questions to support reading and interpreting timetables at 1-minute or 5-minute intervals where times cross the hour. Use of 12 and 24-hour clocks.

More [Year 5 Statistics](#) Resources.

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Timetables

1a. Ellie needs to arrive in Huddersfield before 10:40am. She is travelling from Dewsbury.

Which train should she take?

Batley	10:05	-----	10:10	-----
Dewsbury	10:10	10:15	10:25	10:20
Ravensthorpe	10:20	-----	-----	-----
Deighton	10:35	10:30	-----	10:30
Huddersfield	10:45	10:40	10:35	10:45



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Timetables

1b. Jack needs to arrive in Mytholmroyd before 11:55am. He is travelling from Bradford.

Which train should he catch?

Bradford	11:20	11:15	11:10	11:25
Halifax	11:35	11:25	11:40	11:35
Sowerby Bridge	-----	-----	11:45	-----
Mytholmroyd	11:50	-----	11:55	12:00
Hebden Bridge	12:00	11:50	12:00	12:05



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2a. Which show lasts the longest amount of time?

Sports Channel		Gardening Channel	
4:00-4:30	Soccer Show	4:05-4:15	Rooted
4:30-4:40	Match Time	4:15-4:30	Landscaping
4:40-4:45	Sports Quiz	4:30-4:50	Rare flowers



VF

2b. Which show lasts the shortest amount of time?

Cartoon Channel		Gameshow Channel	
6:05-6:30	Crazy Cats	6:10-6:25	Pindrop
6:30-6:40	Bonkers	6:25-6:40	Who Dares
6:40-6:55	Dollop	6:40-6:55	Make Me Rich



VF

3a. How long is the journey from Ealing to Holland park on the 01:15 bus?

Ealing	01:00	01:15	02:00	03:10
Acton	01:15	-----	-----	03:20
White City	-----	-----	-----	03:35
Holland Park	01:45	01:35	-----	03:45
Notting Hill	02:00	-----	02:45	03:50



VF

3b. How long is the journey from Thirsk to Thornaby on the 10:05 bus?

Thirsk	08:00	09:00	09:15	10:05
Northallerton	-----	09:05	-----	10:10
Yarm	-----	09:20	09:35	10:25
Thornaby	-----	09:30	-----	10:35
Middlesbrough	08:35	09:40	09:55	11:45



VF

4a. Below is a sports day timetable. How long do Class 2 spend doing the sprint?

	Sack Race	Sprint	Javelin	Break
Class 1	2pm	1:15pm	1:30pm	1:40pm
Class 2	1:15pm	1:30pm	2pm	1:45pm
Class 3	1:30pm	2pm	1:15pm	1:50pm



VF

4b. Below is a parents' evening timetable. How long does Joe see Mr Smith for?

	Mr. Smith	Mrs. Jones	Miss Kahn
11am	Peter	Joe	Sophia
11:15	Joe	-----	Peter
11:35	Carmen	Sophia	Joe



VF

Timetables

5a. Which train should Frankie catch from the airport if she wants to arrive in Halifax by 11:45?

Trafford	10:21	-----	10:38	10:51
Airport	10:30	10:34	10:47	-----
Saddleworth	10:50	10:54	11:11	-----
Sowerby Bridge	-----	-----	11:29	-----
Halifax	11:27	-----	11:40	11:49
Huddersfield	-----	11:35	11:49	11:58



VF

Timetables

5b. Carl is meeting his friend in Leeds at 9am. Which train should he catch from Mirfield?

Huddersfield	07:40	07:52	08:05	-----
Mirfield	08:52	08:04	08:17	08:40
Ravensthorpe	08:57	-----	08:21	08:44
Dewsbury	09:01	08:13	08:26	08:49
Batley	08:10	-----	08:35	08:58
Leeds	08:26	08:38	08:51	09:14



VF

6a. Which show lasts the shortest amount of time?

Sports Channel		Food Channel	
3:05-3:15	Soccer Show	3:00-3:30	Bake it!
3:15-3:45	Match Time	3:30-3:45	Food Quiz
3:45-3:55	Sports Quiz	3:45-3:50	Won't Cook



VF

6b. Which show lasts the longest amount of time?

Music Channel		Entertainment Channel	
6:05-6:30	Top 40	6:10-6:50	Quiz Time
6:30-7:45	Number Ones	6:50-8:00	Cheery Street
7:45-8:00	Pop Classics	8:00-8:25	Drama



VF

7a. How long is the journey from Halifax to Brighouse on the 03:12 bus?

Halifax	03:07	03:12	03:23	03:36
Salterhebble	-----	03:28	-----	-----
Elland	03:31	03:40	-----	04:04
Brighouse	03:44	03:59	03:53	04:11
Wyke	03:58	-----	04:13	04:21



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7b. How long is the journey from West Ealing to Heathrow on the 11:37 bus?

West Ealing	11:27	11:32	11:37	11:44
Hanwell	11:33	-----	-----	11:51
Southall	11:49	11:45	-----	12:06
Hayes	12:07	12:01	11:58	12:21
Heathrow	12:13	12:08	12:05	12:27



VF

8a. Below is a swimming pool timetable. How long does the inflatable session last on Saturday?

	09:05-10:00	11:20-11:55	1:35-2:30
Mon	Floats	Lane	Diving
Wed	Diving	Floats	Lane
Sat	Inflatable	Lane	Floats
Sun	Floats	Inflatable	Floats



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8b. This is the school football timetable. How long does Class 5 play each week?

	10:35-11:00	12:15-1:00	2:05-2:20
Mon	1	5, 10	6
Tue	2	4, 9	7
Wed	3	1, 6	8
Thu	4	2, 7	9
Fri	5	3, 8	10



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Timetables

9a. Which train should Brock catch from Retford if he wants to arrive in Stevenage after 14:10?

Doncaster	12:26	-----	12:38	15:00
Retford	12:41	13:34	12:47	-----
Newark	12:56	13:54	13:11	-----
Grantham	-----	-----	13:29	-----
Peterborough	13:30	-----	13:55	15:56
Stevenage	13:59	14:01	14:20	16:30



VF

Timetables

9b. Layla is meeting her friend in London at 15:30. Which train should she catch from Sheffield?

Sheffield	11:46	12:29	13:00	13:11
Chesterfield	12:02	-----	13:16	13:27
Derby	12:21	13:06	-----	13:48
Leicester	12:53	-----	14:09	14:20
London	13:58	14:43	15:14	15:25
Woking	14:23	15:08	-----	15:50



VF

10a. Which show lasts the shortest amount of time?

Nature Channel		Sports Channel	
11:45-12:30	In Flight	11:55-12:30	Golf
12:30-13:10	In the Trees	12:30-13:00	Cricket
13:10-13:45	Critter Watch	13:00-13:20	BMX Trials



VF

10b. Which show lasts the longest amount of time?

Movie Channel		History Channel	
17:00-18:55	The Creeps	17:20-18:45	Tudor Life
18:55-19:00	Celeb News	18:45-20:35	Trench Times
19:00-19:25	Zebra King	20:35-20:55	Family Ties



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11a. How long is the journey from Clifton to Nuthall Road on the 53B bus?

	53A	53B	54A	54B
Clifton	06:50	06:54	06:58	07:05
Hospital	06:57	06:59	07:06	07:14
Nuthall Road	07:06	07:09	07:13	07:18
Valley Road	07:15	-----	07:23	-----



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11b. How long is the journey from Orchard Park to Station Street on the 6A bus?

	5A	5B	6A	6B
Retail Park	15:37	15:47	15:57	16:05
Orchard Park	15:49	16:09	16:12	16:15
Trinity Church	16:02	16:22	16:25	16:28
Station Street	16:20	-----	16:38	17:03



VF

12a. Below is a restaurant timetable. How long is Table 3 reserved for?

	Table 1	Table 2	Table 3
18:15	Reserved	Reserved	Reserved
18:50	Reserved	Unreserved	Reserved
19:40	Reserved	Reserved	Unreserved
20:30	Unreserved	Unreserved	Unreserved



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12b. Below is a dance class timetable. How long does Salsa last for each week?

	17:30-18:15	19:00-20:00	20:20-21:10
Mon	Tango	Salsa	Ballroom
Wed	Rhumba	Ballroom	Tango
Fri	Ballroom	Rhumba	Salsa
Sat	Salsa	Tango	Ballroom
Sun	Tango	Ballroom	Rhumba



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Varied Fluency Timetables

Developing

- 1a. 10:25
- 2a. Soccer Show
- 3a. 20 minutes
- 4a. 15 minutes

Expected

- 5a. 10:47
- 6a. Won't Cook
- 7a. 47 minutes
- 8a. 55 minutes

Greater Depth

- 9a. 12:47
- 10a. BMX Trials
- 11a. 15 minutes
- 12a. 1 hour and 25 minutes

Varied Fluency Timetables

Developing

- 1b. 11:20
- 2b. Bonkers
- 3b. 30 minutes
- 4b. 20 minutes

Expected

- 5b. 08:17
- 6b. Number Ones
- 7b. 28 minutes
- 8b. 1 hour and 10 minutes

Greater Depth

- 9b. 13:11
- 10b. The Creeps
- 11b. 26 minutes
- 12b. 2 hours and 35 minutes