Timetables

	Train 1	Train 2	Train 3	Train 4	Train 5	Train 6
Plymouth	06:33	08:17	08:22	10:22	12:24	14:24
Devonport	06:36	08:20	08:25	10:25	12:27	14:27
Dockyard	06:38	X	08:27	10:27	12:29	14:29
Keyham	06:40	X	08:29	10:29	12:31	14:31
St Budeaux Victoria Road	06:43	X	08:32	10:32	12:34	14:34
Bere Ferrers	06:50	X	08:39	10:39	12:41	14:41
Bere Alston	06:59	X	08:48	10:48	12:50	14:50
Calstock	07:06	X	08:55	10:55	12:57	14:57
Gunnislake	07:21	X	09:10	11:10	13:12	15:12

	Flight 1	Flight 2	Flight 3	Flight 4	Flight 5	Flight 6	Flight 7	Flight 8	Flight 9
London Heathrow	06:35	06:50	06:50	07:50	08:10	08:20	08:35	08:50	09:05
Dublin, Ireland	08:00	08:15	08:15	09:10	09:35	09:45	10:10	10:15	10:25

Arithmetic

1. $\frac{7}{8}$ of 64	**2.** 377 x 9	**3.** 90 x 90	**4.** 7,456 + 1,655

Practice: Timetables

5. Recap: Explain how to read the train timetable.

6. Look at the train timetable.

Where is: a. train 1 at 6:43   b. train 3 at 08:48

c. train 6 at 14:24

7. When is:
a. train 2 at Devonport
b. train 4 at Keyham
c. train 5 at Calstock

8. How long does it take for a train to get from:
a. Plymouth to Calstock
b. Dockyard to Bere Ferrers
c. Keyham to Gunnislake

9. How much time is there between
a. trains 3 and 4
b. trains 4 and 5
c. trains 5 and 6

10. If I arrive at London Heathrow at 07:00, which flight could I take to Dublin, Heathrow? Explain your choice.

11. Look at the flight timetable. Which flight:
a. leaves London at 06:35
b. leaves London at 08:10
c. arrives in Dublin at 10:15

12. How long is the journey on
a. flight 2
b. flight 4
c. flight 7

13. Javan says that flight 8 takes 2 hours and 35 minutes to get to Dublin. Is he correct? Explain.

Challenge

14. Create a timetable for either a full day at school or your ideal full day at school.

Think about how long you spend on each lesson. How many lessons you have in a day. When each lesson starts and ends. When you have break time, lunch time and assemblies.

Label your timetable with the start and end times of the day and lessons. Also label the duration of each lesson.

You might want to talk to an adult

Spot the mistake

Answers

Q no.	Question	Answer
1	$\frac{7}{8}$ of 64	56
2	377 x 9	3,393
3	90 x 90	8,100
4	7,456 + 1,655	9,111
5	Explain how to read the train timetable.	The columns show the train number at the top (1, 2, 3 etc) and below it shows the time each train stops. The rows show the stations the train stops at (Plymouth, Devonport etc). To find the time the train will arrive at a station, find the correct train number in at the top of the column, find the station on the row and find where the row and column meet.
6	Questions about train timetable.	a. St Budeaux Victoria Road, b. Bere Alston, c. Plymouth
7	Questions about train timetable.	a. 08:20, b. 10:29, c. 12:57
8	Questions about train timetable.	a. 33 mins, b. 12 mins, c. 41 mins
9	Questions about train timetable.	a. 2 hours, b. 2 hours 2 mins, c. 2 hours
10	If I arrive at London Heathrow at 07:00, which flight could I take to Dublin, Heathrow? Explain your choice.	Pupil answers will vary. I could take the 07:50 or any after that. Pupils may select the first flight available and explain that this is the first flight you could take. They may select a different flight and explain that you would need time to get through check in and security after arriving. Accept answers that have an appropriate explanation.
11	Questions about flight timetable.	a. 1, b. 5, c. 8
12	Questions about flight timetable.	a. 1h 25, b. 1h 20, c. 1h 35
13	Javan says that flight 8 takes 2 hours and 35 minutes to get to Dublin. Is he correct? Explain.	Javan is incorrect. The flight takes 1 hour and 25 minutes. Javan has subtracted 15 minutes from 50 minutes then subtracted 8 hours from 10 hours. He has calculated the difference between 8:15 and 10:50.
14	Create a timetable for either a full day at school or your ideal full day at school.	Answers will vary. Encourage the pupils to focus on the durations of lessons and start and end times as this is more important than the accuracy of their day.

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