

Solve problems involving tables and timetables

1 Here is part of a calendar for 2021

July 2021							August 2021						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28
25	26	27	28	29	30	31	29	30	31				

- a) How many Saturdays are there in July?
- b) How many Wednesdays are there in August?
- c) What day of the week is 14 July? _____
- d) What day of the week is 14 August? _____

2 The table shows the distances in miles between six UK towns and cities.

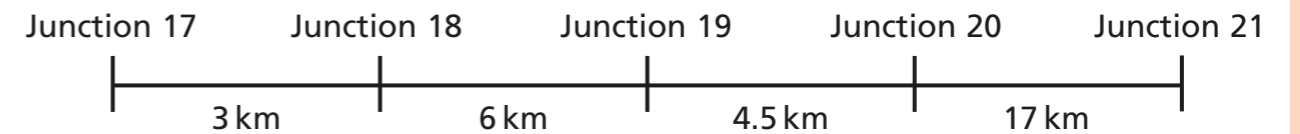
Aberdeen					
505	Bristol				
488	170	Cambridge			
602	392	122	Dover		
578	84	229	248	Exeter	
381	185	197	213	261	Flint

- a) Which two places are furthest apart?
_____ and _____
- b) Which two places are closest to each other?
_____ and _____

- c) Which two places are 229 miles apart?
_____ and _____
- d) How far is it from Exeter to Bristol? miles
- e) How much further away from Aberdeen is Cambridge than Flint?
 miles
- f) A lorry travels from Exeter to Cambridge, and then from Cambridge to Aberdeen.
How far does the lorry travel in total?

miles

3 The diagram shows the distance between some of the junctions on the M1 motorway.



Use the diagram to complete the table.

Junction 17				
3	Junction 18			
		Junction 19		
	10.5		Junction 20	
			17	Junction 21

- 4 320 students were asked their favourite type of food. The results are shown in the table.

	Boys	Girls	Total
Italian	27		45
Indian	31	40	71
Chinese		23	50
Other	18	26	44
No preference	48	62	
Total	151		320

a) Complete the table.

b) Work out the difference between the number of students who prefer Italian and the number who prefer Chinese or Indian.


- 5 Work out the missing values in this table.

	Men	Women	Total
Prefer cats		31	53
Prefer dogs			
Total	46		100

Do you have to work out the values in one particular order?



- 6 Here is part of a train timetable.



St Pancras	06:25	06:40	06:55	07:05	07:22
Stratford	06:32	06:47	07:02	07:12	07:29
Ebbsfleet	06:43	06:59	07:15	07:23	07:40
Ashford	—	07:19	—	07:42	—
Gravesend	06:47	—	07:18	—	07:43

a) How many of the trains go all the way from St Pancras to Gravesend?


b) How long does the 06:40 take to get from St Pancras to Ashford?

 minutes

c) Which train takes the least amount of time to get from St Pancras to Gravesend?

- 7 In this timetable, all the trains stop at every station and the times taken between stations does not change.

Fill in the missing information.



Aberford	08:30	11:00	13:10	
Cartown		11:22		
Donville			13:47	
Highborough			14:01	
Southland	09:57			16:03