Answers from Friday before half term

30, 12 → 1, 2, 3, 6
The common factors are: _____

21, 42 → 1, 3, 7, 21
The common factors are: _____

50, 20 → 1, 2, 5, 10
The common factors are: _____

16, 44 → 1, 2, 4
The common factors are: _____

Identifying Prime Numbers 1 to 100

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Write out the prime numbers between 0-19 with your weaker hand!
2, 3, 5, 7, 11, 13, 17, 19

Which three prime numbers are missing?
13, 7, 19, 2, 5, 3 17, 11

Circle the prime numbers.
six, one, (19), nine, fifteen, 7, (17), (15), (thirteen)

Write the prime numbers out in descending order (highest to lowest).
19, 17, 13, 11, 7, 5, 3, 2

	Double (×2)	×4	×8	×16
21	42	84	168	336
76	152	304	608	1216
63	126	252	504	1008
58	116	232	464	928
92	184	368	736	1472
85	170	340	680	1360

2 is the only even prime number.

	1	6	1
×		2	3
	4	8	3
3	2	2	0
3	7	0	3

	2	3	2
×		2	6
1	3	9	2
4	6	4	0
6	0	3	2

	6	1	4
×		1	8
4	9	1	2
6	1	4	0
1	1	0	5	2

	9	6	9
×		9	5
4	8	4	5
8	7	2	1	0
9	2	0	5	5

	2	1	9	0
×			6	9
1	9	7	1	0
1	3	1	4	0	0
1	5	1	1	1	0

	1	3	4	2
×			5	2
	2	6	8	4
6	7	1	0	0
6	9	7	8	4

	1	5	2	1
×			7	3
	4	5	6	3
1	0	6	4	7	0
1	1	1	0	3	3

20 r 1
2)41
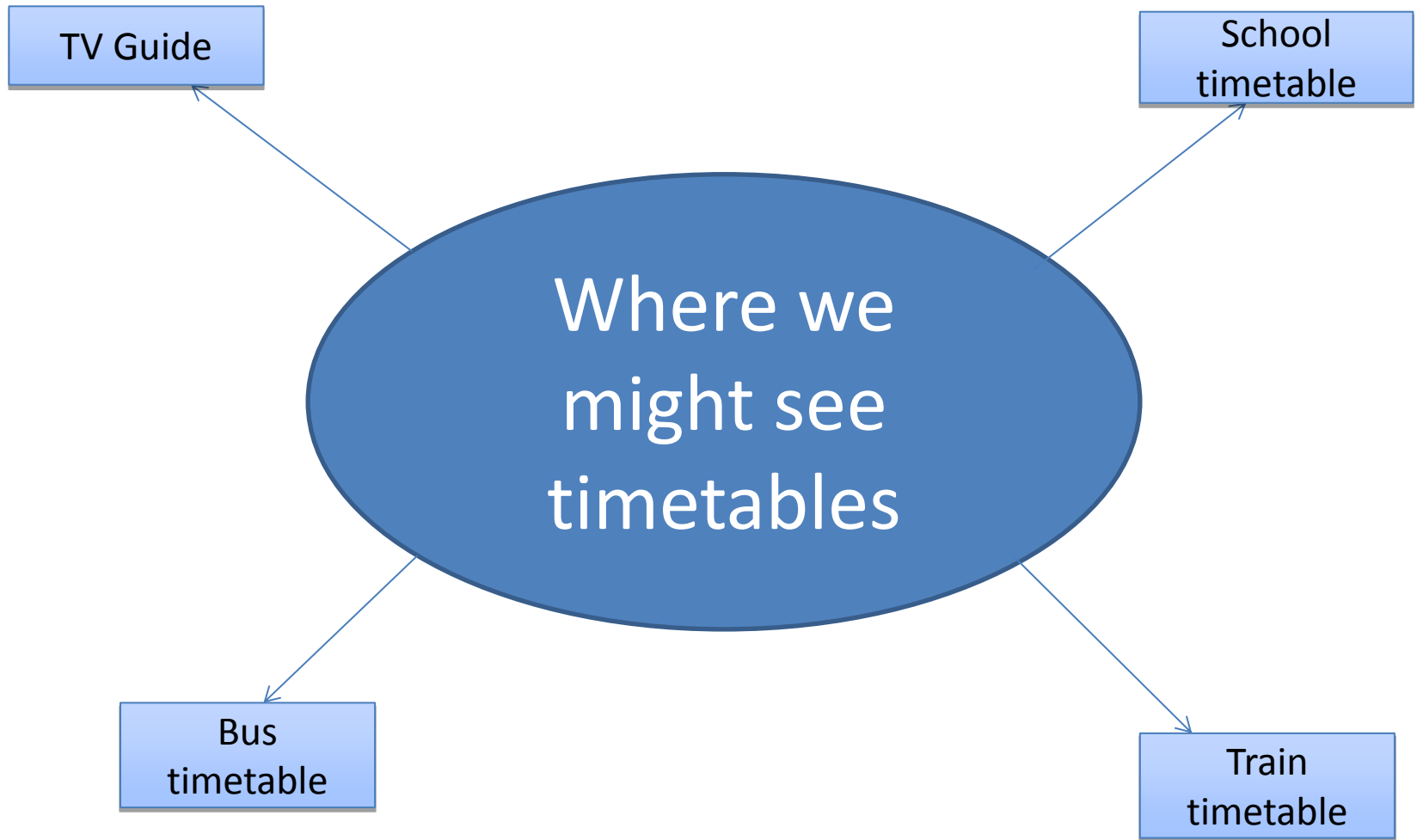
32 r 1
8)257

44 r 3
9)399

42 r 4
5)214

77 r 6
7)545

96 r 3
9)867

Welcome back ☺

Hope you had a lovely half term and ready to do your online learning again!

This week we are looking at timetables.

Can you brainstorm where you might see timetables?

L.O:

I can read and interpret information presented in a simple timetable.

Success Criteria

- I can read 24-hour time.
- I can answer questions about the information shown in a timetable.
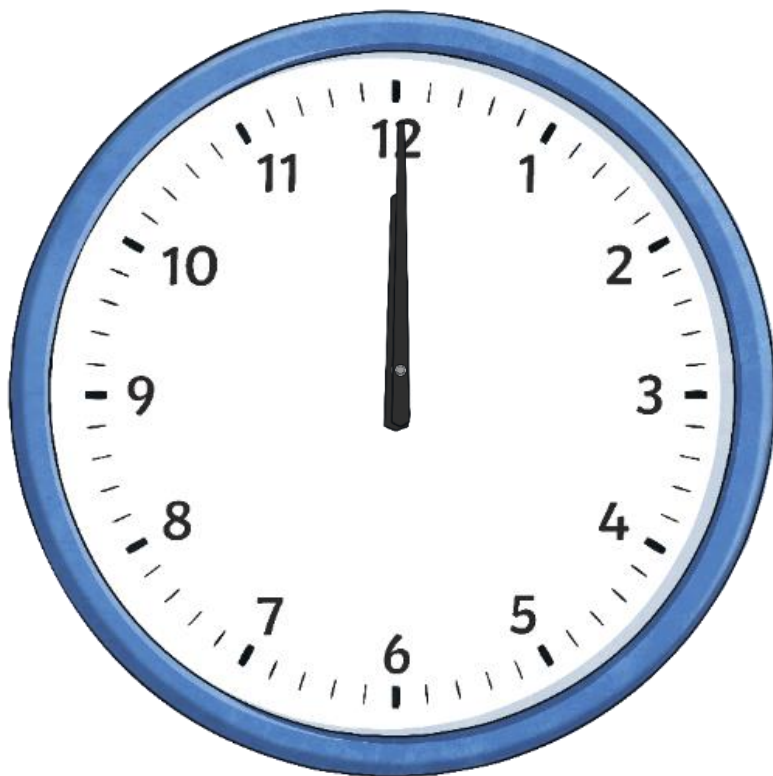- I can calculate how much time has passed in minutes.

Holiday Activity Timetables

The 24-Hour Clock

To read timetables you need to know how to read a 24 hour clock (digital)
This clock and table show each hour in the day
written in 12-hour time and 24-hour time.

Midnight can be referred to as both 00:00 and 24:00 to show the start and the end of a day, although it is more usually written as 00:00.

The 24-Hour Clock

12:00 a.m. = 00:00	12:00 p.m. = 12:00
1:00 a.m. = 01:00	1:00 p.m. = 13:00
2:00 a.m. = 02:00	2:00 p.m. = 14:00
3:00 a.m. = 03:00	3:00 p.m. = 15:00
4:00 a.m. = 04:00	4:00 p.m. = 16:00
5:00 a.m. = 05:00	5:00 p.m. = 17:00
6:00 a.m. = 06:00	6:00 p.m. = 18:00
7:00 a.m. = 07:00	7:00 p.m. = 19:00
8:00 a.m. = 08:00	8:00 p.m. = 20:00
9:00 a.m. = 09:00	9:00 p.m. = 21:00
10:00 a.m. = 10:00	10:00 p.m. = 22:00
11:00 a.m. = 11:00	11:00 p.m. = 23:00

From midday to midnight, add **12** to the hours to convert 12-hour time to 24-hour time.

From midday to midnight, subtract **12** from the hours to convert 24-hour time to 12-hour time.

The 24-Hour Clock

2:00 a.m.

8:30 p.m.

4:15 p.m.

7:57 a.m.
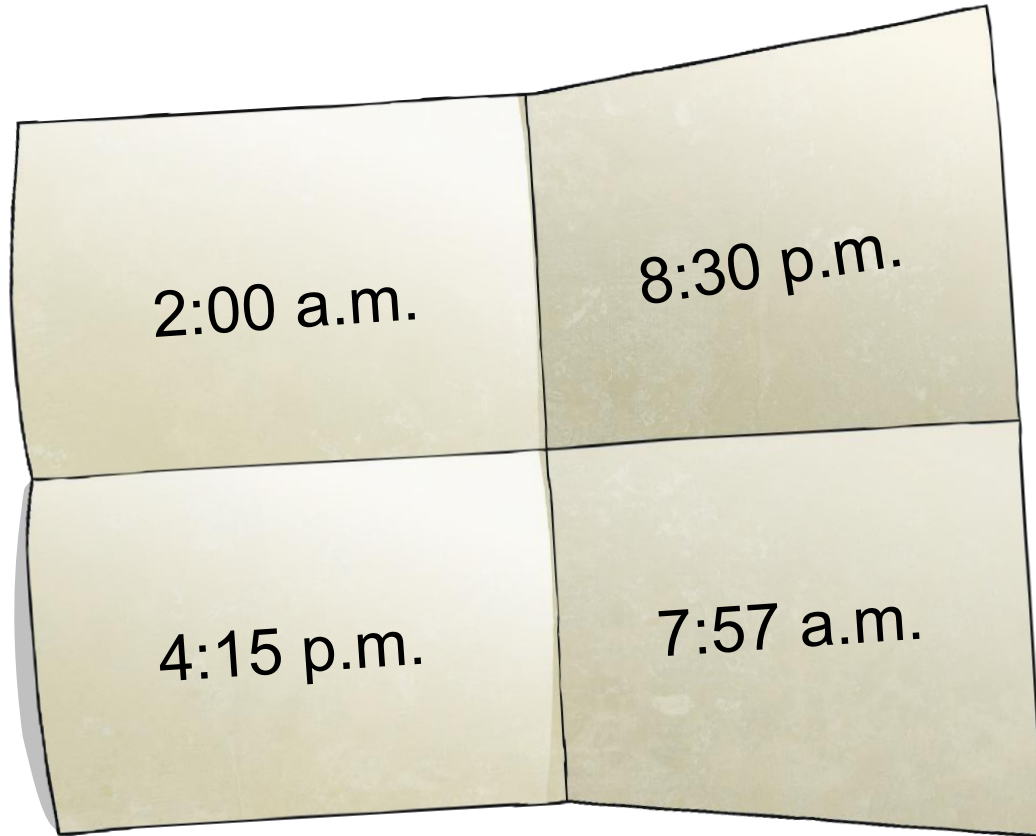
Convert these 12-hour times to 24-hour times.

The 24-Hour Clock

02:00   20:30

16:15   07:57

Convert these 24-hour times
to 12-hour times.

Don't forget to
use a.m. or p.m.

14:22   06:36

20:01   11:37

2:22 p.m.   6:36 a.m.

8:01 p.m.   11:37 a.m.

Reading Timetables

We can read and interpret timetables to
answer questions about the timings of planned activities.

On the next slide there is a timetable of the activities for 2 groups of children .
A boy called Daniel is in the Red Group.
The two groups are doing activities at different times.

Twinkl Holiday Camp

Activity	Red Group	Blue Group
Mini tennis	09:30	09:20
Painting	10:45	10:10
Mountain biking	**12:45**	10:55
Lunch	13:25	12:55
Football	14:15	13:40
Home Time	15:10	15:00

What activity will **Red Group** be doing at 12:45?

Reading Timetables

For how many minutes will **Blue Group** be playing mini tennis?

Twinkl Holiday Camp		
Activity	Red Group	Blue Group
Mini tennis	09:30	09:20
Painting	10:45	10:10
Mountain biking	12:45	10:55
Lunch	13:25	12:55
Football	14:15	13:40
Home Time	15:10	15:00

!

40 + 10 = 50

+ 40 minutes   + 10 minutes
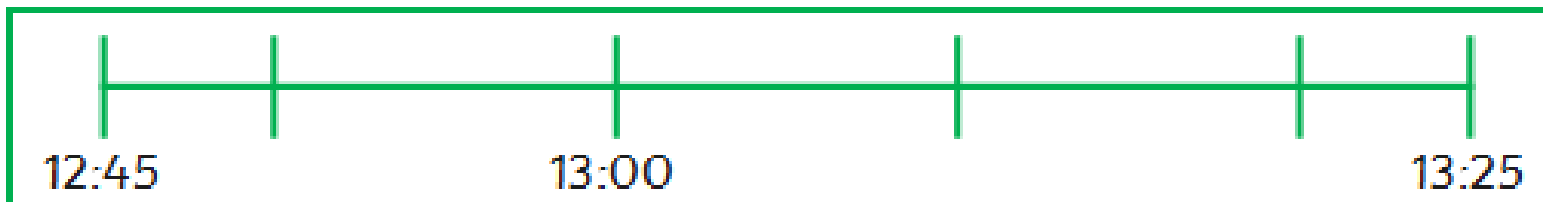
09:20   10:00   10:10

Reading Timetables

For how many minutes will **Red Group** be mountain biking?
Use the number line to help you work it out.

Twinkl Holiday Camp		
Activity	**Red Group**	**Blue Group**
Mini tennis	09:30	09:20
Painting	10:45	10:10
Mountain biking	12:45	10:55
Lunch	13:25	12:55
Football	14:15	13:40
Home Time	15:10	15:00

12:45   13:00   13:25

Reading Timetables

For how many minutes in total will it take **Blue Group** to have lunch and play football? Use the number line to help you to work it out.

Twinkl Holiday Camp		
Activity	**Red Group**	**Blue Group**
Mini tennis	09:30	09:20
Painting	10:45	10:10
Mountain biking	12:45	10:55
Lunch	13:25	12:55
Football	14:15	13:40
Home Time	15:10	15:00

13:00   14:00

12:55   13:40   15:00
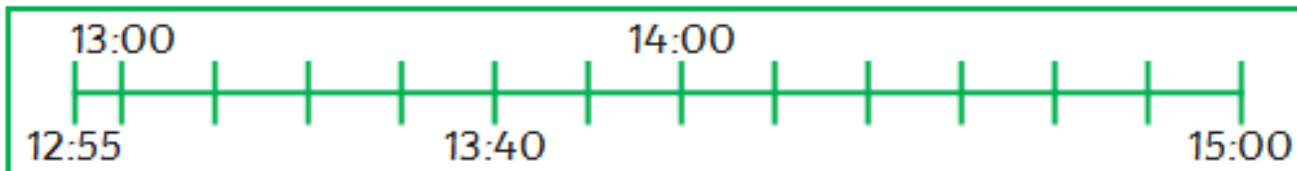
Reading Timetables

For how many minutes longer will
Red Group be painting than **Blue Group**?

Twinkl Holiday Camp		
Activity	**Red Group**	**Blue Group**
Mini tennis	09:30	09:20
Painting	10:45	10:10
Mountain biking	12:45	10:55
Lunch	13:25	12:55
Football	14:15	13:40
Home Time	15:10	15:00

Reading Timetables

Red Group will have lunch for 50 minutes.
Use this information to fill in the gap in the table.

Twinkl Holiday Camp		
Activity	**Red Group**	**Blue Group**
Mini tennis	09:30	09:20
Painting	10:45	10:10
Mountain biking	12:45	10:55
Lunch	13:25	12:55
Football		13:40
Home Time	15:10	15:00

1) Use this information to fill in the gaps in the timetable:
   - Red Group will play crazy golf for 35 minutes.
   - Blue Group's morning snack and rest lasts for half an hour.
   - Red Group will be at the beach barbecue for 45 minutes.
   - Blue Group are timetabled to do trampolining for 40 minutes.

Answer the questions about the holiday activity timetable.

Twinkl Holiday Camp		
Activity	Red Group	Blue Group
Crazy golf	09:00	09:10
Go-karting		09:40
Snack and rest	10:35	10:20
Mountain biking	11:00	
Beach barbecue	12:40	12:00
Mini tennis		12:45
Snack and rest	14:25	14:05
Trampolining	14:45	
Home time	15:25	15:10

2) Other than snack and rest, which two activities will Red Group do for less than one hour?

3) For how many minutes are Red Group trampolining?

4) For how many minutes in total will Blue Group do crazy golf and go-karting?

5) For how many minutes longer will Blue Group do mini tennis than red group?

6) Which group will have the shortest snack and rest time in the afternoon?

7) Which activity are Red Group doing for 100 minutes?

Aerial Adventure Prices

This table shows the Aerial Adventure activity prices.

How much will it cost for one adult and three children aged over five to climb?

How much will it cost for three adults and one 11-year-old child to climb?

Aerial Adventure	
Age	**Price**
Adult	£7.50
Child - 5-18 years	£4.40
Child - under 5	£2
Family ticket - two adults and two children	£18

A family of two adults, a seven-year-old child and a three-year-old child wants to climb the Aerial Adventure. How much will they save if they buy a family ticket instead of buying individual tickets?