Year 4 Home Learning Week 14 6.7.20-10.7.20

Maths Support Document

Complete the 3 MyMaths tasks set for you on time. Make sure you complete the online lesson before doing the task, as this will help you understand better. Use the YouTube link below to watch the video, reminding you how to tell the time, if needed. https://www.youtube.com/watch?v=3Posbu-VKxU

Lesson 1 – Time and Timetables

Convert these times to 24-hour clock times:

5 : 54 am ☐☐ : ☐☐ [1]

2 : 46 pm ☐☐ : ☐☐ [1]

26 minutes to 3 in the afternoon. ☐☐ : ☐☐ [1]

26 minutes to 7 in the morning. ☐☐ : ☐☐ [1]

Half past 7 in the evening. ☐☐ : ☐☐ [1]

11 : 28 pm ☐☐ : ☐☐ [1]

14 minutes past 3 in the afternoon. ☐☐ : ☐☐ [1]

14 minutes past 6 in the morning. ☐☐ : ☐☐ [1]

The timetable below gives the times of trains from Far Forest to Upper Cut:

Far Forest	17:43	19:55	21:10	23:29
Long Moor	18:06	20:13	21:31	00:52
High Hill	18:21	20:27	21:47	00:16
Upper Cut	18:46	20:47	22:08	00:37

How long does it take to get from Far Forest to High Hill on the 17:43 train? ☐ mins [2]

The 19:55 train from Far Forest arrives at Upper Cut 38 minutes late. When does it arrive? ☐☐ : ☐☐ [2]

It takes me 22 minutes to walk from my house to the station at Far Forest. I want to arrive 5 minutes before the 21:10 train leaves. When is the latest I can set out? ☐☐ : ☐☐ [2]

Which train makes the quickest journey from Far Forest to Long Moor? ☐☐ : ☐☐ [2]

Lesson 2 – Time Calculations

A walkathon is held for charity. The route is a circuit around the city. You can start at any time, and walk as far you are able.

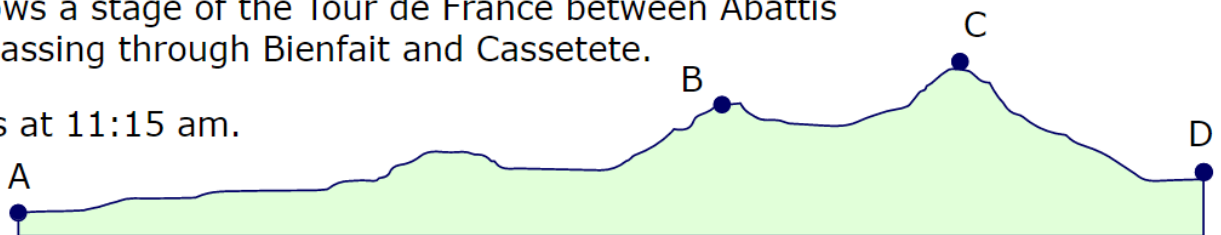Below are the starting times, time spent walking, and finishing times for 6 different walkers.

Fill in the table.

Start time	Time spent walking	Finish time
10:38 am	41 mins	[ ][ ]:[ ][ ] am
3:35 pm	2 hours 46 mins	[ ]:[ ][ ] pm
12:49 pm	[ ] mins	1:19 pm
1:45 pm	[ ] hours [ ] mins	9:13 pm
[ ]:[ ][ ] pm	43 mins	9:25 pm
[ ][ ]:[ ][ ] am	3 hours 41 mins	2:25 pm

[12]

The picture shows a stage of the Tour de France between Abattis and Domage, passing through Bienfait and Cassetete.

The race begins at 11:15 am.

Jacques arrives at B at 1:53 pm
C at 3:28 pm
and D at 4:43 pm
Eddy arrives at B at 1:45 pm
C at 3:09 pm
and D at 4:32 pm

How much faster than Jacques is Eddy between B and C? [ ][ ] mins

Miguel arrives at C 13 minutes before Jacques then takes another 88 mins to D.

When does Miguel finish? [ ]:[ ][ ]

Bernard takes 2 hrs 43 mins for AB
1 hr 15 mins for BC
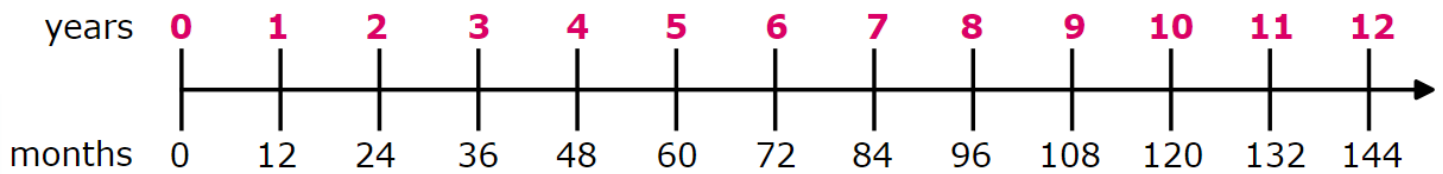and 1 hr 24 mins for CD

When does Bernard finish? [ ]:[ ][ ]

Greg starts late but finishes level with Jacques, having cycled for 4 hours 54 mins.

When did Greg start? [ ][ ]:[ ][ ]

[8]

Lesson 3 – Time Conversions

Convert from months to years and months.

years	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
months	0	12	24	36	48	60	72	84	96	108	120	132	144

76 months = ☐ year(s) ☐ month(s)

131 months = ☐ year(s) ☐ month(s)

129 months = ☐ year(s) ☐ month(s)

107 months = ☐ year(s) ☐ month(s)

[8]

How much longer does Training Course A take than Training Course B to complete?

Express the answer in weeks and days.

> **Training Course A** takes 8 weeks and 1 day to complete.
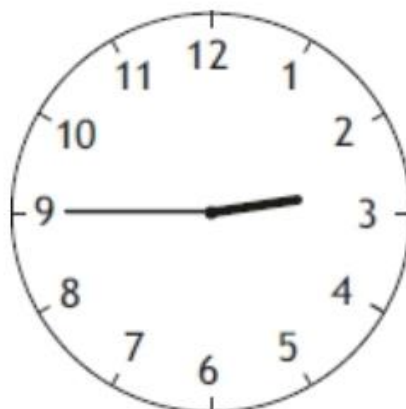>
> **Training Course B** takes 47 days to complete.

It takes ☐ week(s) and ☐ day(s) longer to complete Training Course A than Training Course B.

[4]

A clock shows this time twice a day.

Tick the two digital clocks that show this time.

| 03:45 | | 02:45 | | 09:45 |

| 21:45 | | 14:45 |

This table shows when flights take off at an airport.

Flight number	Destination	Take-off time ✈
AX40	Paris	13:35
BH253	Berlin	14:05
CG008	Rome	15:25
DP369	Paris	15:40
EZ44	Lisbon	16:15
FJ994	Dublin	17:25

How many flights take off between 3pm and 5pm?

How much later does the second flight to Paris take off than the first?

The flight to Dublin takes 50 minutes.

What time does it arrive in Dublin?