DR BAKER'S YEAR 5 MATHS MONDAY 30TH MARCH

WELCOME TO WEEK 2

"Morning. I hope you all had a nice weekend and are OK. I am missing seeing you every day – it is very odd setting work and not knowing how you are getting on with it. Here are the answers to the arithmetic tests. 3A is on the left and 5A on the right.

question	answer
1	509
2	72
3	77
4	66
5	678
6	40
7	628
8	141
9	36
10	7
11	136
12	204
13	24
14	$\frac{4}{5}$
15	$\frac{4}{6}$ or $\frac{2}{3}$

Arithmetic: Test 5 A
1) 102
2) 376
3) $\frac{3}{5}$
4) 3854
5) 27
6) 5.22
7) 124
8) $\frac{12}{5}$
9) 36
10) 360
11) 1733.5
12) 14
13) 506
14) 1305
15) $\frac{13}{8} = 1\frac{5}{8}$
16) 762
17) 3420
18) 49565

PROBLEM QUESTIONS

A

Which is heavier, 1kilogram (1kg) of lead or 1 kilogram (1kg) of feathers?

B

Can I convert centimetres (cm) to kilograms (kg)? Explain your answer.

TASKS FOR TODAY

L.O. To answer questions about time.

First let's check you can tell the time. Ideally you should click on this link. Watch the videos and do the questions for the level you think you are at.

https://www.khanacademy.org/math/early-math/cc-early-math-measure-data-topic/cc-early-math-time/v/telling-time-exercise-example-1

Now we want to practise doing calculations with time. Have a look at this (sorry slightly cheesy) clip:

HTTPS://WWW.YOUTUBE.COM/WATCH?V=ZXFZUMJEHDU

TASKS FOR TODAY

Things to remember when working with time:

There are 60 minutes in 1 hour.

Am is before 12 at lunch and pm is afterwards.

Midnight is 00:00 or 12:00am

When doing calculations with time we need to add or subtract the minutes and hours separately. We can do this by thinking about moving the hands around the clock face. To help you do this I have included an interactive clock face at https://www.teacherled.com/iresources/numeracybasics/?resource=clock. Open it in another window and, if you need to, use it to help you answer the questions on the next page. You don't have to do them all, just see what you can do.

TIME CALCULATION QUESTIONS EASIER

Clock A

Clock B

What time is on Clock A ? _____

What time is on Clock B ? _____

How much time has elapsed
between Clock A and B ? _____

Clock A

Clock B

What time is on Clock A ? _____

What time is on Clock B ? _____

How much time has elapsed
between Clock A and B ? _____

TIME CALCULATION QUESTIONS EASIER

TIME CALCULATION QUESTIONS HARDER

1. Maths starts at 10.25 and lasts for 45 minutes. At what time does Maths finish?

2. Science lasts for 55 minutes and ends at 3.30. At what time does Science start?

3. Year 6 have a 40 minute Maths lesson every day. In one week at school how long will Year 6 have spent in Maths?

4. Class 3 needs to get to the museum at 11.30. It is a 17 minute walk from school to the museum. At which time must Class 3 leave school if they are to arrive at the museum at exactly 11.30?

5. Lucy left home at 10 am. She spent 10 minutes walking to Stacey's house and then stayed with Stacey for 2 hours. Lucy then spent another 10 minutes walking home. At what time did Lucy arrive home?

6. Class 5 are meant to have 1 hour of English every day. Last week however, one of their lessons was cut in half because they had a special assembly. How long did Class 5 spend in English last week?

MORE TIME CALCULATION QUESTIONS HARDER

7. Adrian spent $1\frac{1}{2}$ hours visiting 6 friends. He spent exactly the same amount of time at each friend's house. How long did Adrian spend at each friends house?

8. Paul caught a train to Liverpool at 1.25 pm. The journey last 2 hours and 15 minutes. At what time did Paul arrive in Liverpool?

9. It takes Jason 12 minutes to read one page of his book. He has 6 pages left to read. How long will it take Jason to finish reading his book?

10. Suzy and Phil missed 22 minutes of the film as they arrived late at the cinema. The film lasted for 1 hour and 48 minutes. How much of the film did Suzy and Phil see?

11. David cycles to and from school every day, each journey takes him seven minutes. How long does David spend cycling every week?

12. Three Music lessons lasted for 1 hour and 45 minutes all together. Each Music lesson lasted for the same amount of time. How long was each Music lesson?

ANSWERS

2:50

7:04

4 hrs and 14 mins

3:20

10:10

6 hrs and 50 mins

7:30

2:01

6 hrs and 31 mins

12:50

6:29

5 hrs and 39 mins

1. 11:10
2. 2:35
3. 3 hours 20 minutes
4. 11:13
5. 12:20pm
6. 4 hours 30 minutes
7. 15 minutes
8. 3:40pm
9. 1 hour 12 minutes
10. 1 hour 26 minutes
11. 1 hour 10 minutes
12. 35 minutes