



Year Four 13/7/20 Answers

Maths

Today you are going to convert between analogue (clock face) and digital times using a format up to 12 hours. You will use a.m. and p.m. to distinguish between times in the morning and afternoon. Remember a.m. is any time after 12 o'clock midnight until 12 o'clock noon and p.m. is any time after 12 o'clock noon until 12 o'clock midnight. To work out the digital time, you need to think about how many minutes past the hour the time is. Digital time needs to be written in 4-digit format. For example, 09:30 a.m. not 9:30.

Task 1: I would like you to spend some time practising reading the time on an analogue clock. Use this interactive clock to show different times. Can you say the time and think what the digital time will say before you click 'show' to check?

Play this game online:

<https://mathsframe.co.uk/en/resources/resource/116/telling-the-time> (in the options select time to the minute or 5 minutes and then 12 hour clock). As you play the game, say the time in words before selecting the digital time.

Task 2: Fluency

Mastery

The time is ____ past 10
This can also be written as ____ minutes past 10
The digital time is ____ : ____
Write each of these times in the digital format.

- Quarter 15 10:15
a. 01:25 b. 03:30 c. 10:40 d. 01:55
(I have not used a.m. or p.m. for these answers because the question does not specify morning or afternoon)
- Netball – 04:30 p.m. Football – 10:15 a.m.
Rock climbing – 06:45 p.m. Roller disco – 11:20 a.m.
- Lots of possible answers (e.g. eating lunch)

Roller disco		a.m.
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Alfie looks at his digital watch and sees this time. 01:00 p.m.
What could he be doing at this time?

Reasoning

Annie has recorded the minutes past the hour first instead of the hour.
The time should be 02 : 22

Annie converted digital format. Here is her answer.

Explain what Annie has done wrong.
What should the digital time be?

12:21, 01:10, 02:20,
03:30, 04:40, 05:50,
10:01, 11:11

On a 12 hour clock, how many times will the time be read the same forwards and backwards?

Jack arrives at the train station at the time shown in the morning.



Which trains could he catch?

Destination	Departs
York	07 : 10 a.m.
New Pudsey	Jack could catch the train to Bramley or Leeds.
Bramley	
Leeds	

How long will Jack have to wait for the next train?

He would have to wait 7 minutes to go to Bramley and 28 minutes to go to Leeds.

English

I've uploaded my finished report on Artemis. Read it- is yours similar? It should be!

Foundation Subject – Art

It is now time to get creative and make your 'Litter bug'!

Remember to look at your design and follow it as best you can. I can wait to see what your litter bugs turn out like!
Please get your grown-ups to put a picture of them onto our Facebook post in the comments so I can have a look at your amazing creative skills!
Most importantly – have fun!