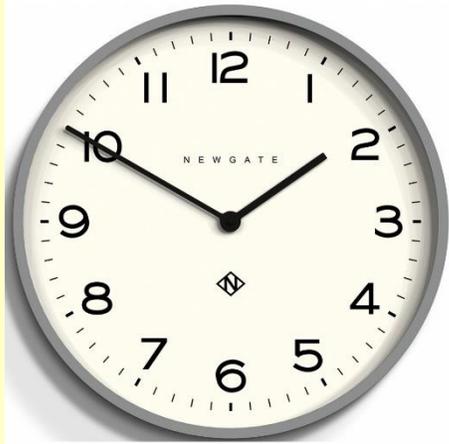


24.03.20

I can read, write and convert time using analogue and digital.



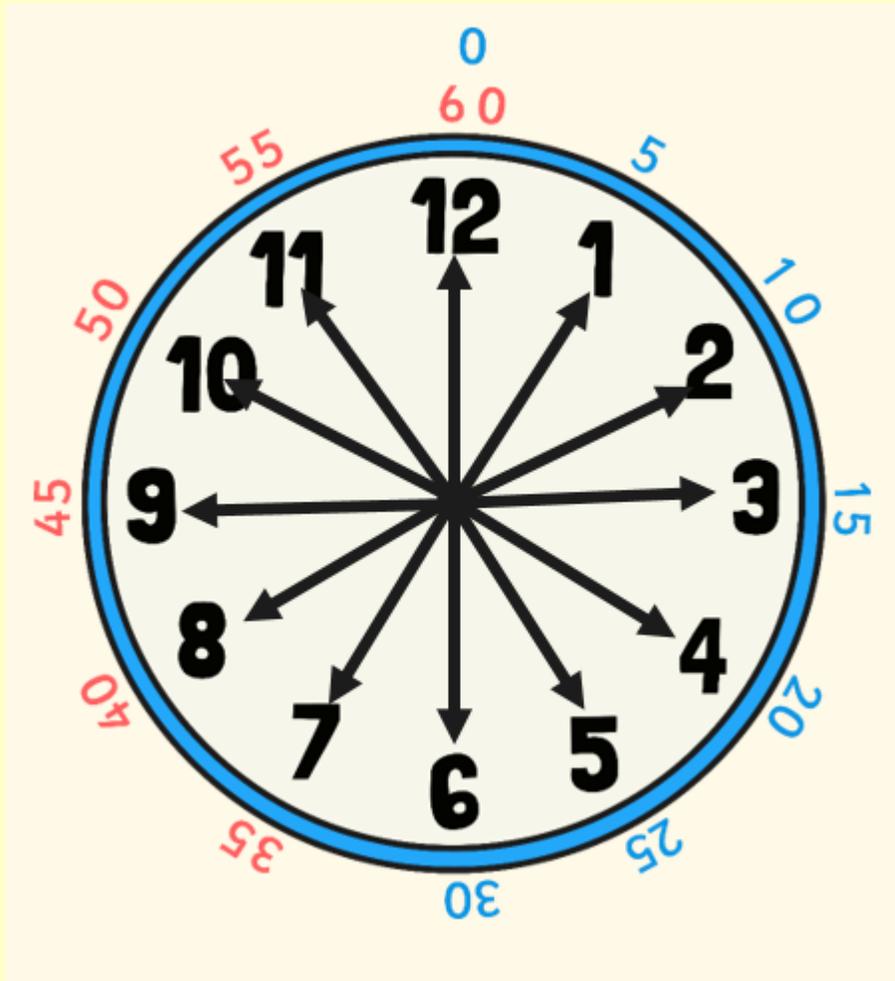
What is analogue and digital time?

Watch this short video to find out.

<https://www.bbc.co.uk/bitesize/topics/zkfyxcdm/articles/zcrmqtq>



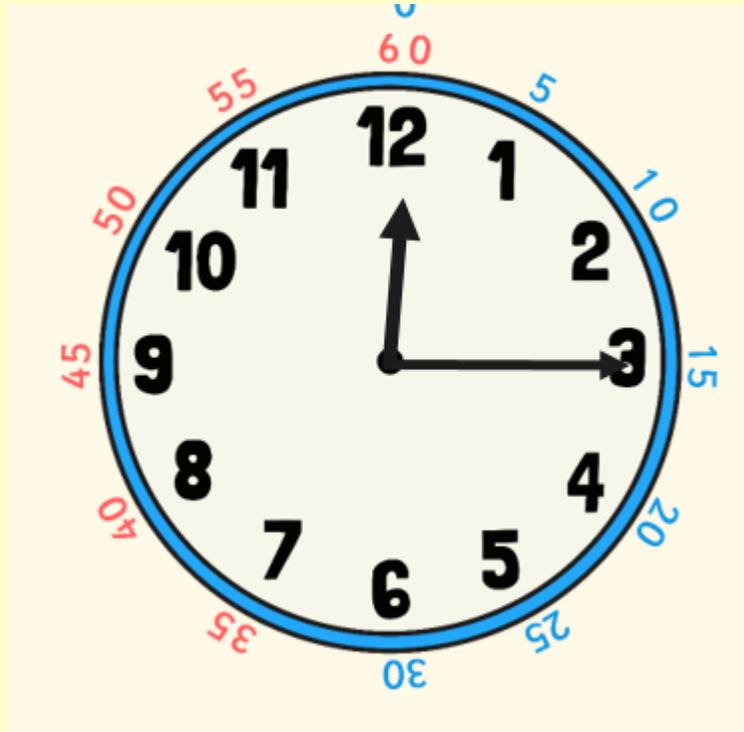
Telling the time on an analogue clock



Each number on a clock represents 5 minutes.

We can count around a clock by counting by 5's.

What time do these clocks show? What is different?



Can you find any digital or analogue clocks around your house?

Digital clocks

A digital clock will always have an hour and minute display, this is separated by a colon.



The hours will always be before the colon.

The minutes will always be after the colon.

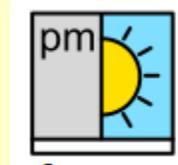
12 – hour clocks

When looking at an analogue or digital clock we can understand the time of day by referring to a.m. or p.m.

a.m = morning – 12 am – 11:59 am



p.m. = afternoon/night – 12 pm – 11:59pm

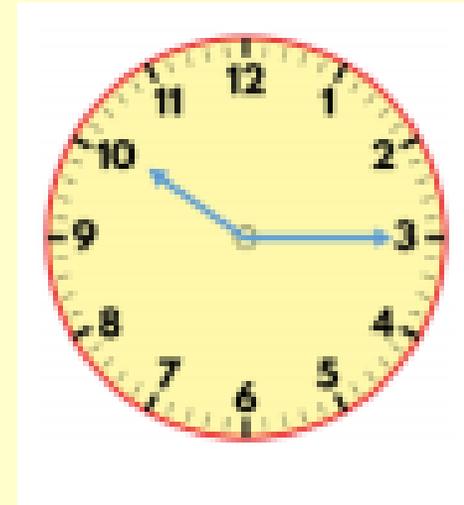


Activities – complete in book.

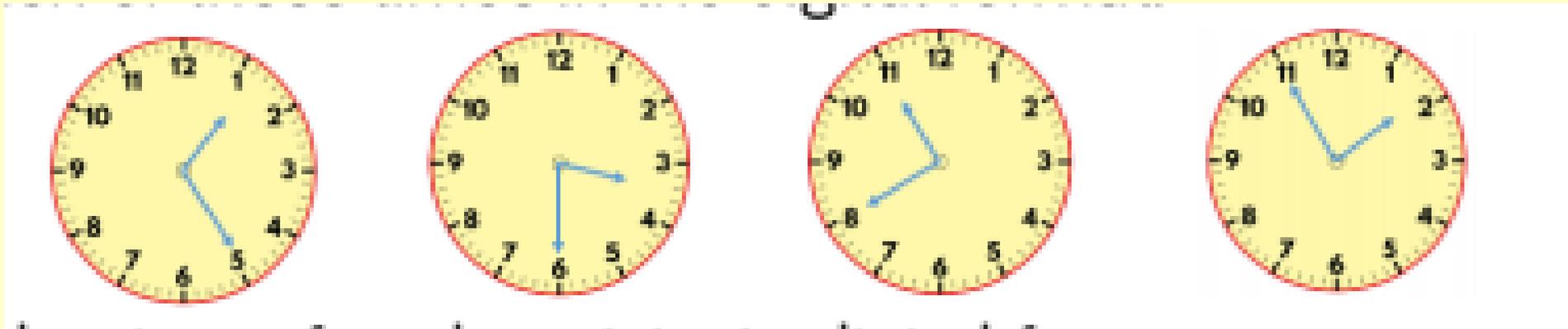
1. The time is _____ past 10

This can also be written as _____ minutes past 10

The digital time is _____ : _____



Write each of these times in the digital format.



Questions to think about:

What time is the analogue clock showing? How many minutes is it past the hour? How can you count the minutes efficiently? How do we record each time in digital format?

2. Record the time of each activity in digital format. Can you order the activities starting with the earliest?

| | | |
|---------------|---|--|
| Netball |  p.m. | |
| Football |  a.m. | |
| Rock climbing |  p.m. | |
| Roller disco |  a.m. | |

3. Alfie looks at his digital watch and sees this time.

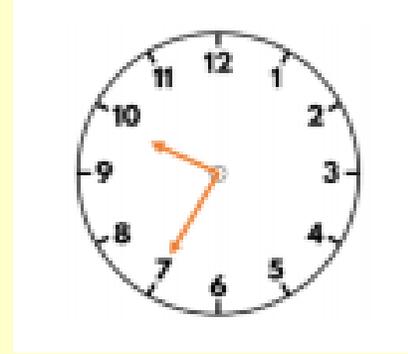
What could he be doing at this time?

01:00 p.m.

Challenge

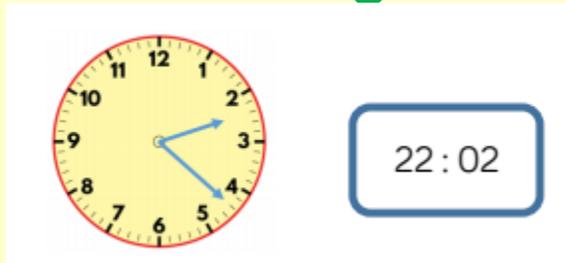
1. Jack arrives at the train station at the time shown in the morning.
Which trains could he catch?

| Destination | Departs |
|-------------|--------------|
| York | 07 : 10 a.m. |
| New Pudsey | 09 : 25 a.m. |
| Bramley | 09 : 42 a.m. |
| Leeds | 10 : 03 a.m. |



How long will Jack have to wait for each train?

2. Annie converts the analogue time to digital format. Here is her answer.



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