

Your last maths challenge of the week is to solve these word problems about time! Remember to watch the video below to remind you how to figure them out. Stuck? Don't worry! Try the next one or ask someone in your house for a bit of help. We know you can do it, so just keep trying!

To help you figure it out you could use the clock you may have made as an activity we set a few weeks back, if you haven't had a chance to make one have a go at making your very own clock. Watch this video to show you how to make a paper plate clock <https://www.youtube.com/watch?v=uFKqgPPtB3s> or try using this online clock <https://www.visnos.com/demos/clock> - move the hands to set the time you need.

### 1. Put these clocks in order.

Could they go in a different order?

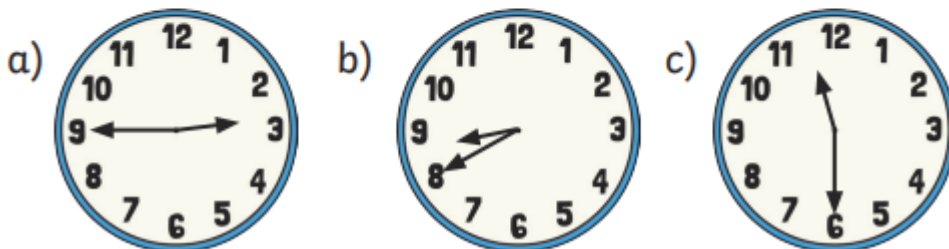
Explain your reasoning to a friend.



**Hint** – try writing the time for each clock, then put them in order.

In the springtime, the clocks are put forward one hour.

What time will these clocks show after they have been put forward?



Lilly's football match started at quarter past 11.

a.) Half time will be in 45 minutes, what time will that be?

b.) What time will the second half begin if the break lasts 15 minutes?

Sort the statements into true and false. Explain your reasoning.

There are 35 days in 5 weeks.

2 minutes is 110 seconds long.

There are 24 months in 2 years.

Half a day is 13 hours.

There are more seconds in a minute than minutes in an hour.

Dotty is looking at the number of seconds in a minute.

1 minute = 60 seconds

2 minutes = 120 seconds

She says "120 is double 60. So to find out 3 minutes I need to double 120"

Is she right? How do you know? **PROVE IT!**

The next couple of questions have 2 steps to them.

**Step 1:** work out the amount of time.

**Step 2:** work out the number sentence you need to solve the problem

Poppy watches her favourite TV programme. It starts at 4 o'clock and finishes at quarter to 5. The adverts in the middle were 5 minutes long. How long was the TV programme?

**Hint:** You might have to do some taking away here.

Frank swims 2 lengths of the pool every 5 minutes. He starts swimming at 9 o'clock and finishes at quarter to 10. How many lengths does he swim?

**Hint 1:** Your 5 times tables will come in handy!

**Hint 2:** You might have to multiply here.