THIRD SPACE LEARNING

Ready-to-go Lesson Slides Year 2

Time

Lesson 5

Sum1

At Third Space Learning we provide personalised online lessons from specialist maths tutors to support the target groups in your school.

These ready-to-go slides are designed to work alongside our interventions to supplement quality first teaching and raise attainment in maths for all pupils.

To find out more about how you could use our 1-to-1 interventions year-round to boost maths progress in your school then get in touch:

020 3771 0095
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Boosting maths progress through 1-to-1 conversations…

THIRD SPACE LEARNING

To find durations of time

- ❑ I can identify the start and end times of an event to work out how long it lasts
- ❑ I can use clocks and number lines to help to work out durations of events
- ❑ I can count in steps of 5 to work out durations of time

Starter: Can you work out which of these are **true** and which are **false**?

1. There are 24 hours in one day. _____
2. There are 60 minutes in one hour. _____
3. There are 36 hours in two days. _____
4. There are 30 minutes in half an hour. _____

To find durations of time

- ❑ I can identify the start and end times of an event to work out how long it lasts
- ❑ I can use clocks and number lines to help to work out durations of events
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Starter: Can you work out which of these are **true** and which are **false**?

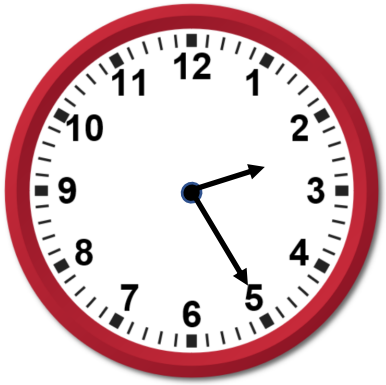
1. There are 24 hours in one day. **true**
2. There are 60 minutes in one hour. **true**
3. There are 36 hours in two days. **false** – there are 48 hours in 2 days
4. There are 30 minutes in half an hour. **true**

To find durations of time

Talking Time:

Can you work out how much time has passed from the start time to the end time?

start time



duration

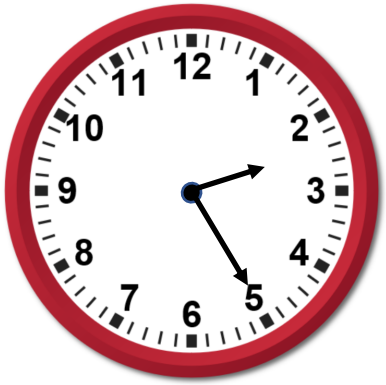
end time

To find durations of time

Talking Time:

Can you work out how much time has passed from the start time to the end time?

start time



25 past 2

duration

end time

10 to 3

25 minutes have passed from the start to the end time.

To find durations of time

Talking Time:

Can you work out how much time has passed from the start time to the end time?

start time

duration

end time

To find durations of time

Talking Time:

Can you work out how much time has passed from the start time to the end time?

start time

10 past 4

duration

end time

5 to 5

45 minutes have passed from the start to the end time.

To find durations of time

Activity 1:

Here are two clocks showing the duration and the end time of an event.
Can you work out what the start time was?
How could you work this out? Can you talk through your thinking?

start time

?

duration

end time

To find durations of time

Activity 1:

Here are two clocks showing the duration and the end time of an event.
Can you work out what the start time was?
How could you work this out? Can you talk through your thinking?

start time

duration

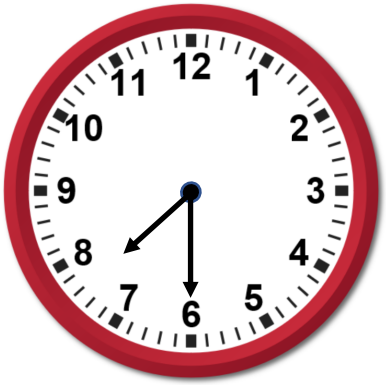
end time

The start time would be 15 minutes before the end time, because the duration is 15 minutes.
Count back from 5 past 11 in 5s – 11 o'clock, 5 to 11, 10 to 11.
So, the start time is 10 to 11.

To find durations of time

Talking Time:

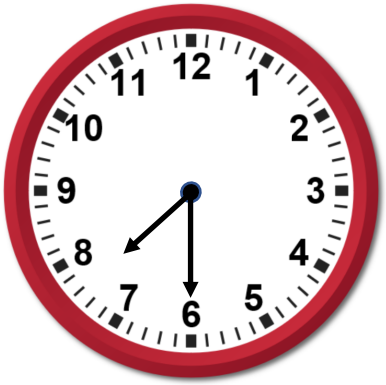
Can you complete the table below?

Start	End	Time passed	Duration in minutes
			The start time is _____. The end time is _____. The duration is ____ minutes.

To find durations of time

Talking Time:

Can you complete the table below?

Start	End	Time passed	Duration in minutes
			The start time is **20 to 7**. The end time is **half past 7**. The duration is **50** minutes.

To find durations of time

Talking Time:

Can you complete the table below?

Start	End	Time passed	Duration in minutes
			The start time is _____. The end time is _____. The duration is ____ minutes.

To find durations of time

Talking Time:

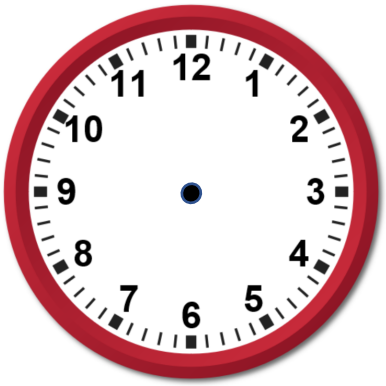
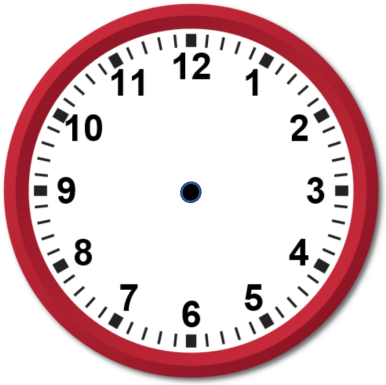
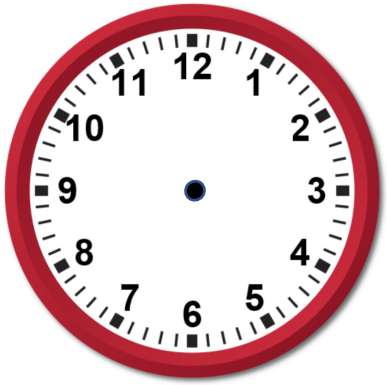
Can you complete the table below?

Start	End	Time passed	Duration in minutes
			The start time is **half past 10**. The end time is **10 past 11**. The duration is **40** minutes.

To find durations of time

Talking Time:

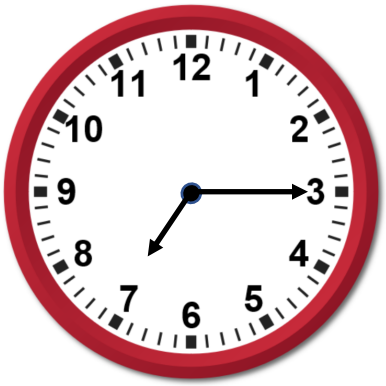
Can you draw the hands on the clocks and sketch the duration on the clocks below?
Can you also complete the stem sentence in the table?

Start	End	Time passed	Duration in minutes
			The duration is ____ minutes.
quarter past 7	10 to 8		

To find durations of time

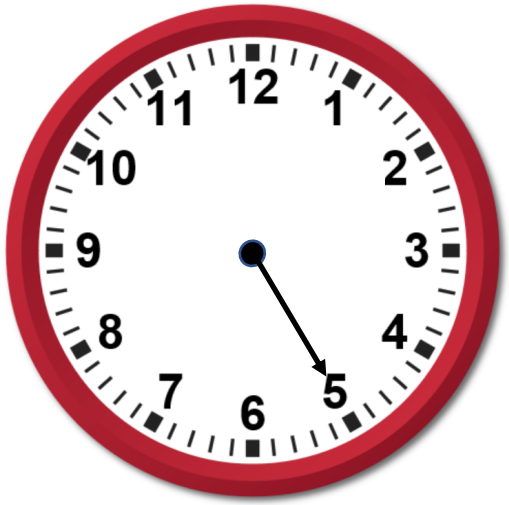
Talking Time:

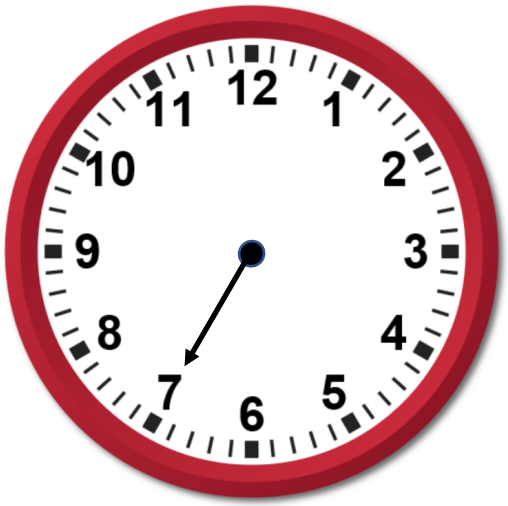
Can you draw the hands on the clocks and sketch the duration on the clocks below?
Can you also complete the stem sentence in the table?

Start	End	Time passed	Duration in minutes
			The duration is **35** minutes.
quarter past 7	10 to 8		

To find durations of time

Activity 2: In The Amazing British Cake Off, the bakers have been set a challenge that is **less than three hours**.
However, the hour hand has fallen off the clock.
All we have is the start and end times on the clock.
How long could the challenge last? Can you explain your thinking?





To find durations of time

Activity 2: In The Amazing British Cake Off, the bakers have been set a challenge that is **less than three hours**.
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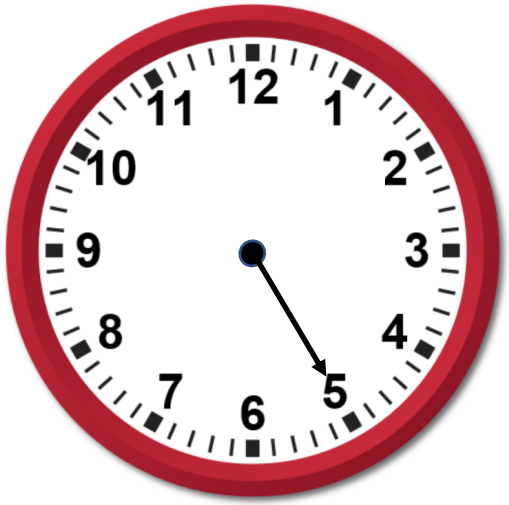
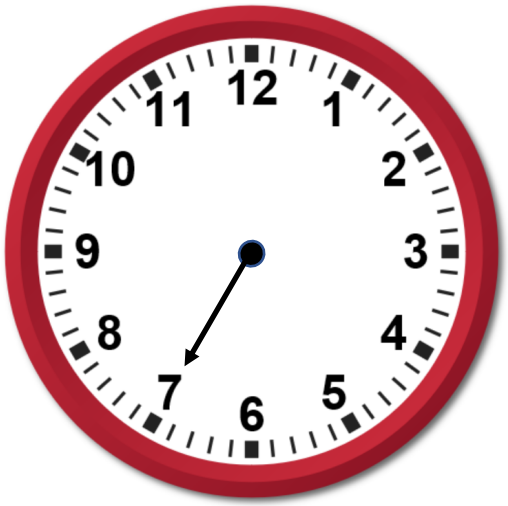


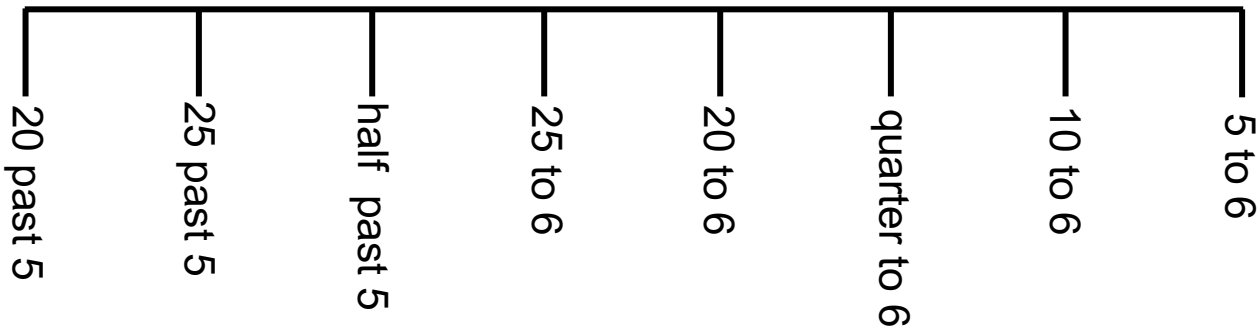


The challenge could last 10 minutes, but that is not very likely.
It is more likely that the challenge would last **1 hour and 10 minutes** or **2 hours and 10 minutes**.

To find durations of time

Talking Time:

Alice's favourite television programme starts at 20 past 5.
It finishes at 5 to 6.
How long is Alice's favourite programme?
Can you use the number line below to help you?



To find durations of time

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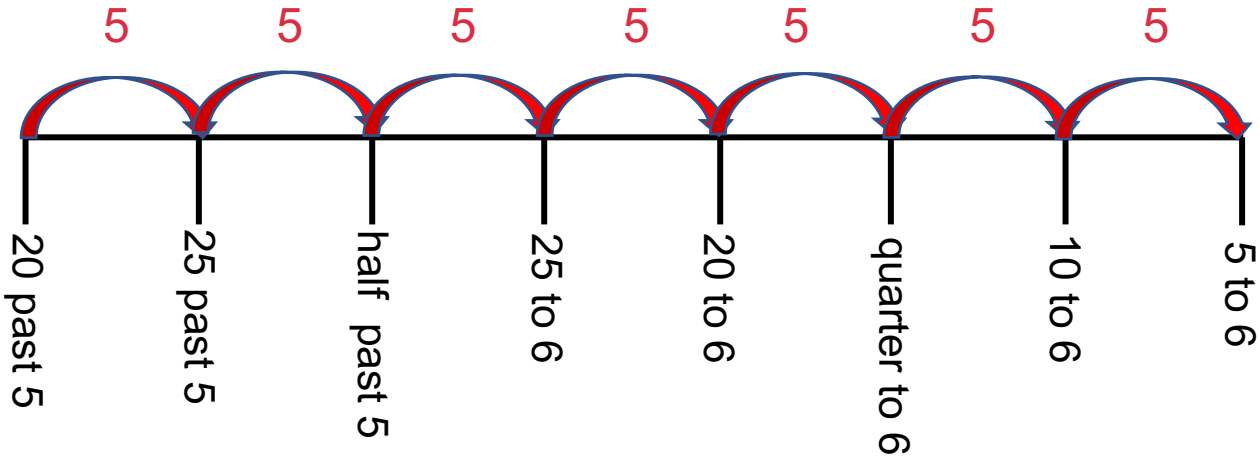


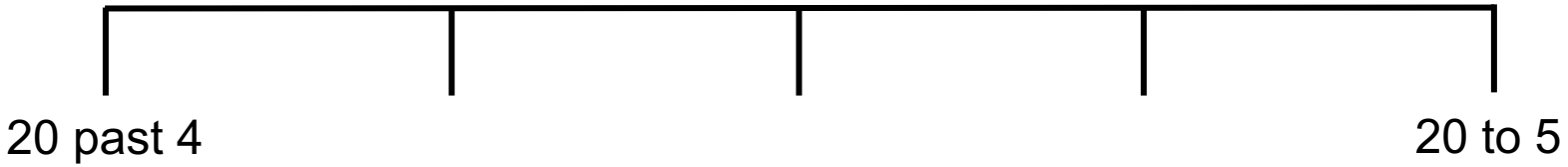
Alice's favourite programme is **35 minutes long**.
Using the number line, there are 7 lots of 5 minutes. 5 x 7 = 35, or 5 + 5 + 5 + 5 + 5 + 5 + 5 = 35.

To find durations of time

Talking Time:

Freddie's mum took Freddie for a haircut.
The hairdresser started cutting Freddie's hair at 20 past 4.
She finished cutting Freddie's hair at 20 to 5.
How long did Freddie's haircut last?

Could you use the number line below?

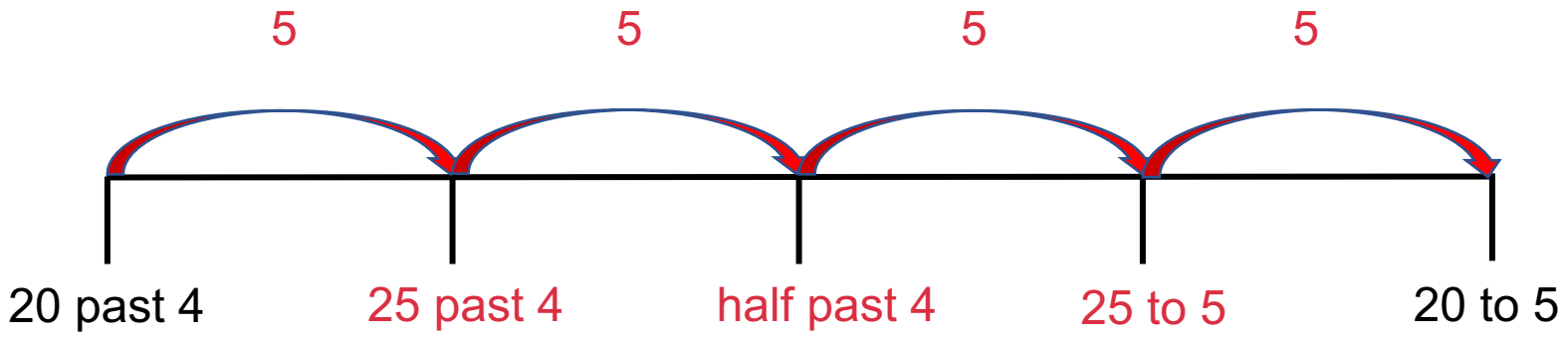


To find durations of time

Talking Time: Freddie's mum took Freddie for a haircut.

The hairdresser started cutting Freddie's hair at 20 past 4.
She finished cutting Freddie's hair at 20 to 5.
How long did Freddie's haircut last?

Could you label and use the number line below?



Freddie's haircut lasted **20 minutes**.
Using the number line, there are 4 lots of 5 minutes. 5 x 4 = 20, or
5 + 5 + 5 + 5 = 20.

To find durations of time

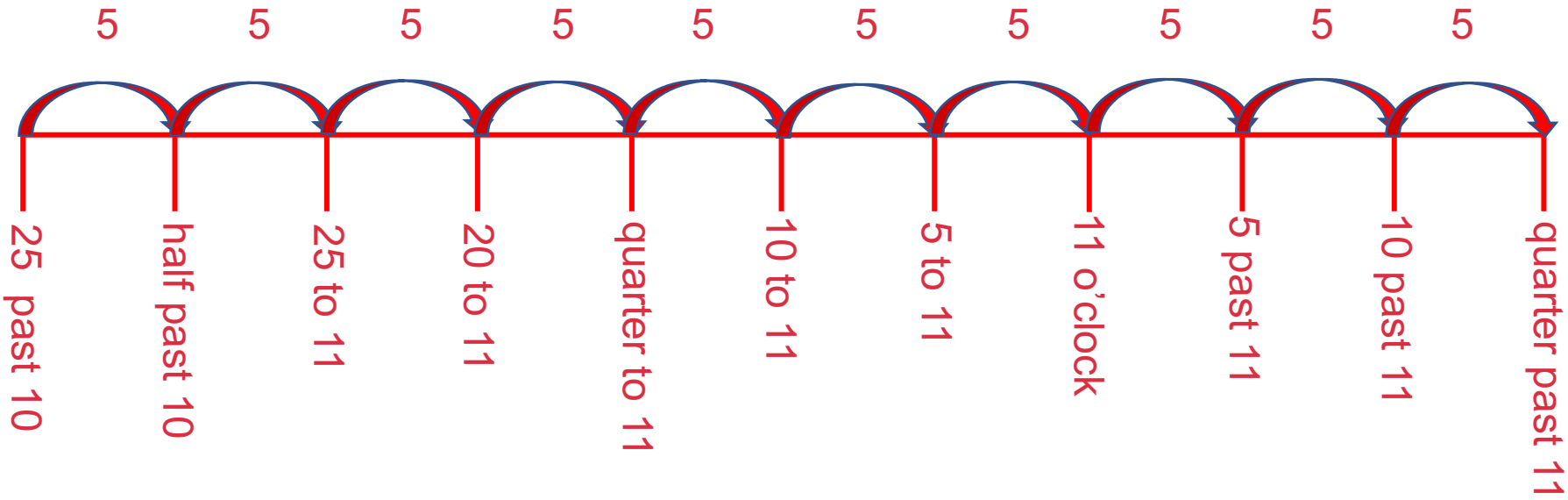
Talking Time:

Ava and her dad go to the supermarket.
They start shopping at 25 past 10.
They finish shopping at quarter past 11.
How long do Ava and her dad spend shopping in the supermarket?
Can you draw a number line to help you?

To find durations of time

Talking Time:

Ava and her dad go to the supermarket.
They start shopping at 25 past 10.
They finish shopping at quarter past 11.
How long do Ava and her dad spend shopping in the supermarket?
Can you draw a number line to help you?



Ava and her dad spent **50 minutes** in the supermarket.
Using the number line, there are 10 lots of 5 minutes. 5 x 10 = 50, or
5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = 50.

To find durations of time

Activity 3:

Jenson is planning his birthday.
He has made a list of what he would like to do. **It is not in order.**
His day will start at 9 o'clock and end at half past 4.
Here it is

- Have a picnic – 1 hour
- An Adventure Playground visit – 2 hours
- Play Party Games – 1 hour
- Have breakfast – half an hour
- A Behind the Scenes visit to a farm – 3 hours

Can you make a timetable or a timeline for Jenson's birthday?

Time	**Activity**
9 o'clock	

To find durations of time

Activity 3: Jenson is planning his birthday.

He has made a list of what he would like to do. It is not in order.
His day will start at 9 o'clock and end at half past 4.
Here it is

- Have a picnic – 1 hour
- An Adventure Playground visit – 2 hours
- Play Party Games – 1 hour
- Have breakfast – half an hour
- A Behind the Scenes visit to a farm – 3 hours

Can you make a timetable for Jenson's birthday?

Time	Activity
9 o'clock	Have breakfast
half past 9	A Behind the Scenes visit to a farm
half past 12	Have a picnic
half past 1	An Adventure Playground visit
half past 3	Play Party Games

Extension:
This is just one possible answer.
Can you find another way to make Jenson's birthday timetable?

To find durations of time

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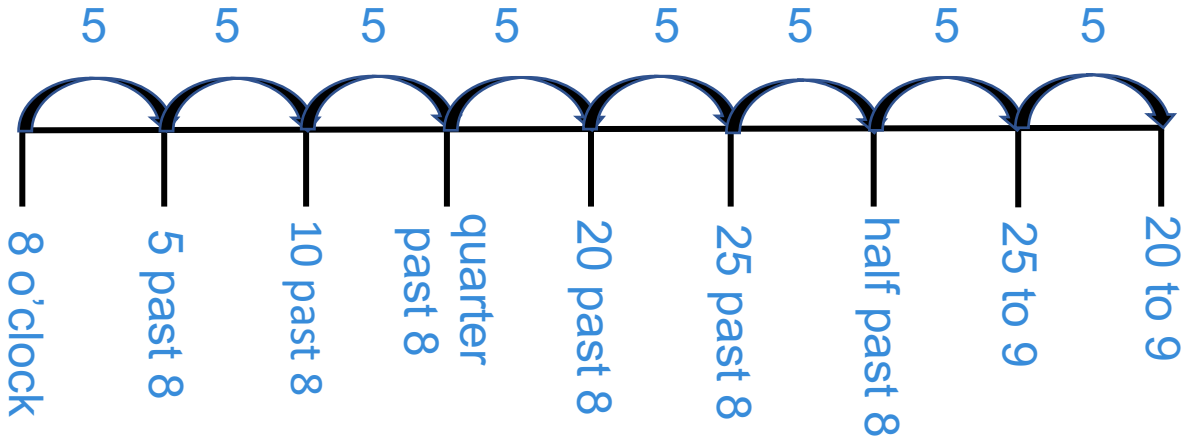
Evaluation: What is the same and what is different about these images to show durations of events?



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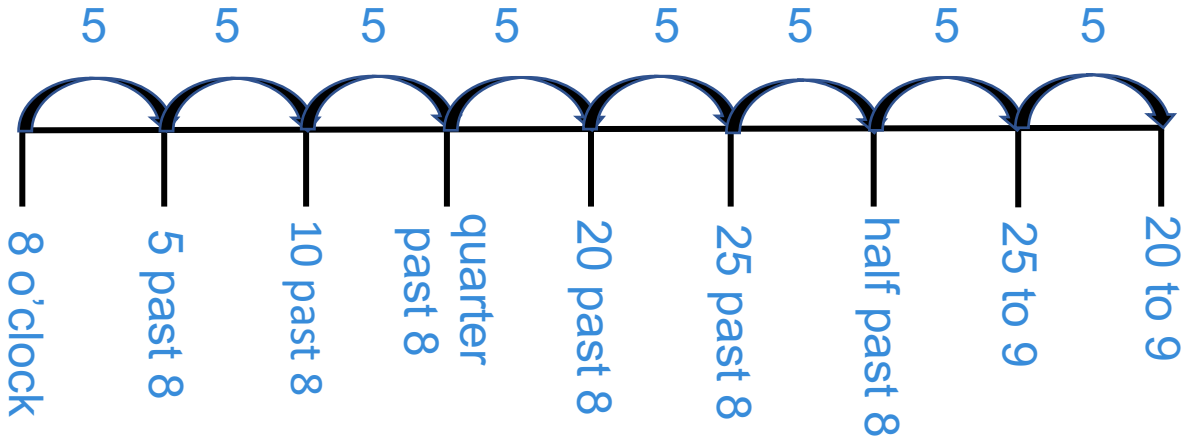

The same – They both show 40 minutes duration.
They both show 8 lots of 5 minutes

Different – The number line DEFINITELY shows 8 o'clock to 20 to 9. The clock MIGHT.

Do you have a group of pupils who need a boost in maths this term?

Each pupil could receive a personalised lesson every week from our specialist 1-to-1 maths tutors.

- Raise attainment
- Plug any gaps or misconceptions
- Boost confidence

Speak to us:

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