Year 3
Maths
14th July 2020

Lesson Aims

- **Learning Intention**
- To be able to tell the time to either 1 or 5 minute intervals.
- To be able to work out the time after a period of time.

- **Success Criteria**
- I know the hour hand is the short hand.
- I know the minute hand Is the long hand.
- I know there are 60 minutes in an hour.
- I can count in 5’s and 1’s.

Fluency Starter

- How many seconds in a minute?
- How many minutes in an hour?
- How many hours in a day?

Fluency Starter Answers

- How many seconds in a minute? **60**
- How many minutes in an hour? **60**
- How many hours in a day? **24**

Main Teaching

- Over the next few days we are looking at telling the time and the 24 hour clock.
- Please don’t move your child on to next stage of learning until they feel confident.

Fluency

- To remind you how to tell the time to 5 minute intervals, please watch this video from the Chuckle Brothers.
- https://www.bbc.co.uk/bitesize/clips/zqkwmp3
- Then complete the following slides, followed the sheet entitled MATHS TUESDAY 5 minute intervals.

Which of the times match the time shown on the analogue clock?

10 minutes to 4

5 minutes past 10

10 minutes to 1

Which of the times match the time shown on the analogue clock?

25 minutes to 2

25 minutes to 3

quarter past 7

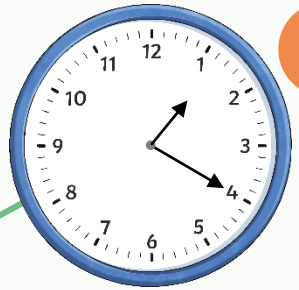
Match the times in words to the correct clock face.

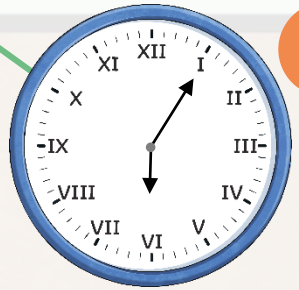
5 minutes past 6

25 to 4

20 minutes past 3

20 minutes past 1





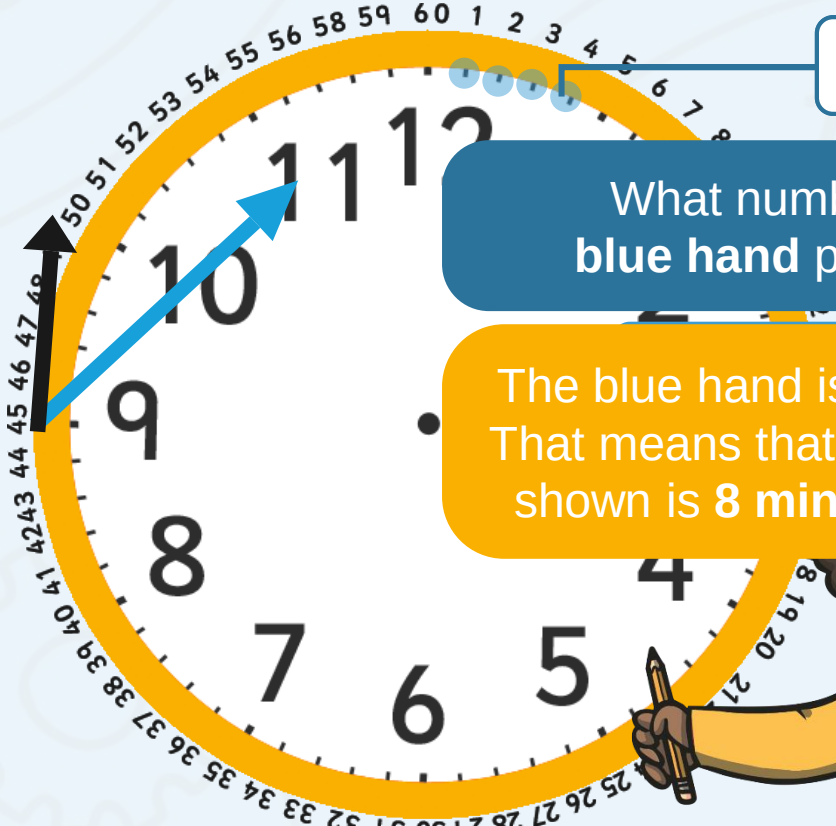
Which time is not shown on a clock?

Fluency

- If you child can confidently tell the time to 5 minute intervals, please move on to 1 minute intervals.

Telling the Exact Time

Each clock has **4 lines** between the numbers. These show the minutes.



What number is the **blue hand** pointing to?

The blue hand is pointing to 8. That means that the exact time shown is **8 minutes** past 12.

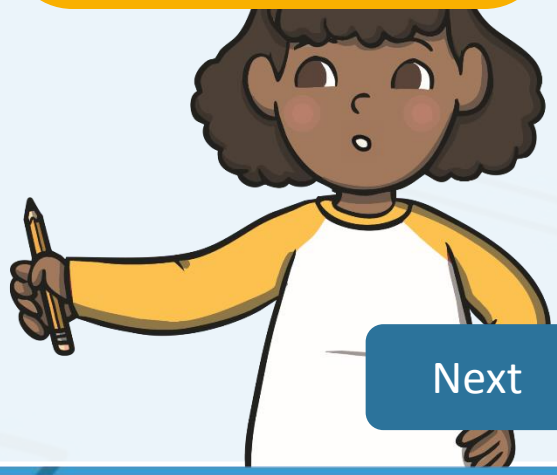
Next

Telling the Exact Time

Now, let's try that out in this question.

How many minutes past the hour is the **blue hand** showing?

The blue hand is showing **13 minutes** past 12.



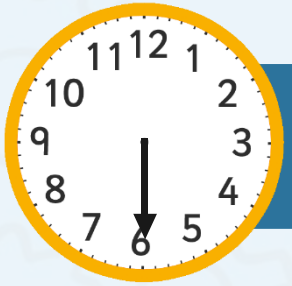
Next

Count On and Count Back

When telling the exact time, it helps to look for points around the clock you are familiar with.

quarter past
(15 minutes past)

quarter to
(45 minutes past)



half past
(30 minutes past)

five minute intervals

Then either count **on** or count **back** to find the exact time.
In other words, do a simple addition or subtraction
to find the correct time.

Next

Count On and Count Back

Now, let's try that out in this question, together.

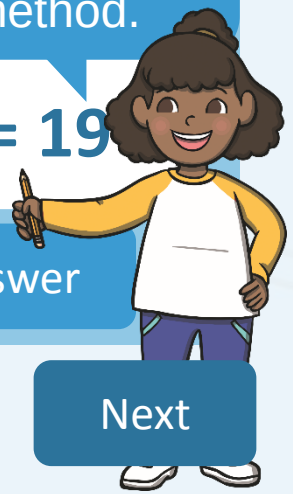
What exact time is it?

The exact time here is **19 minutes** past 1.

~~20 past~~.

Let's try another question, using this method.

20 – 1 = 19



Show Answer

Next

Count On and Count Back

Let's try out this method again.

What exact time is it?

The exact time here is **27 minutes** past 1.

after 25 minutes past.

Great work! Try this next one without my help.

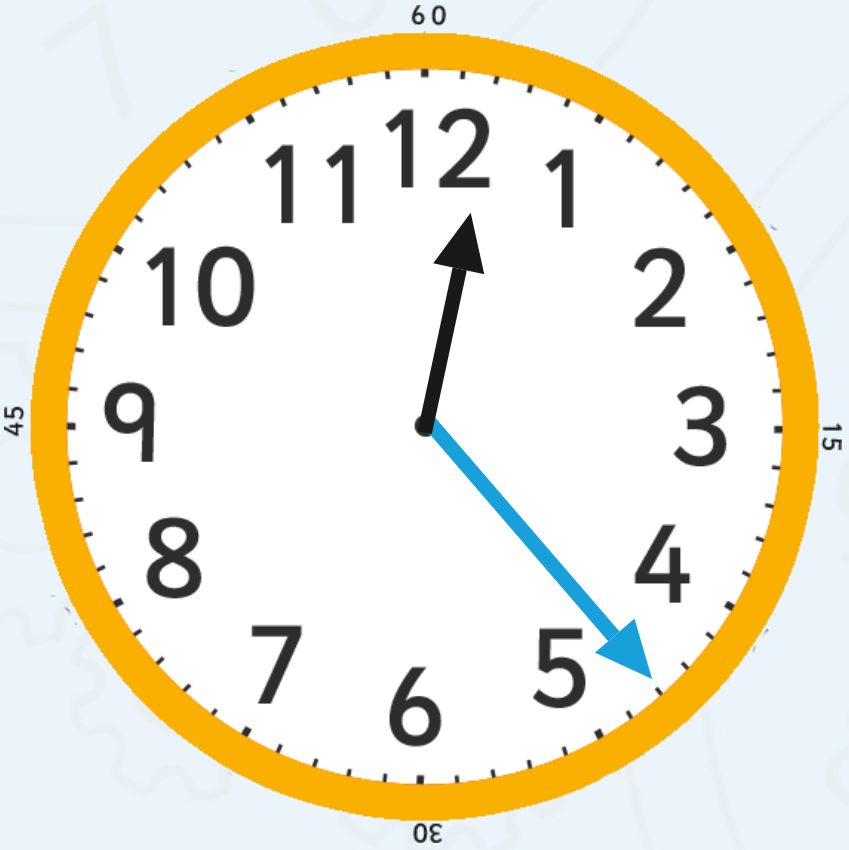
25 + 2 =

Show Answer

Next

Count On and Count Back

Use the count on and count back method to tell the exact time.



What exact time is it?

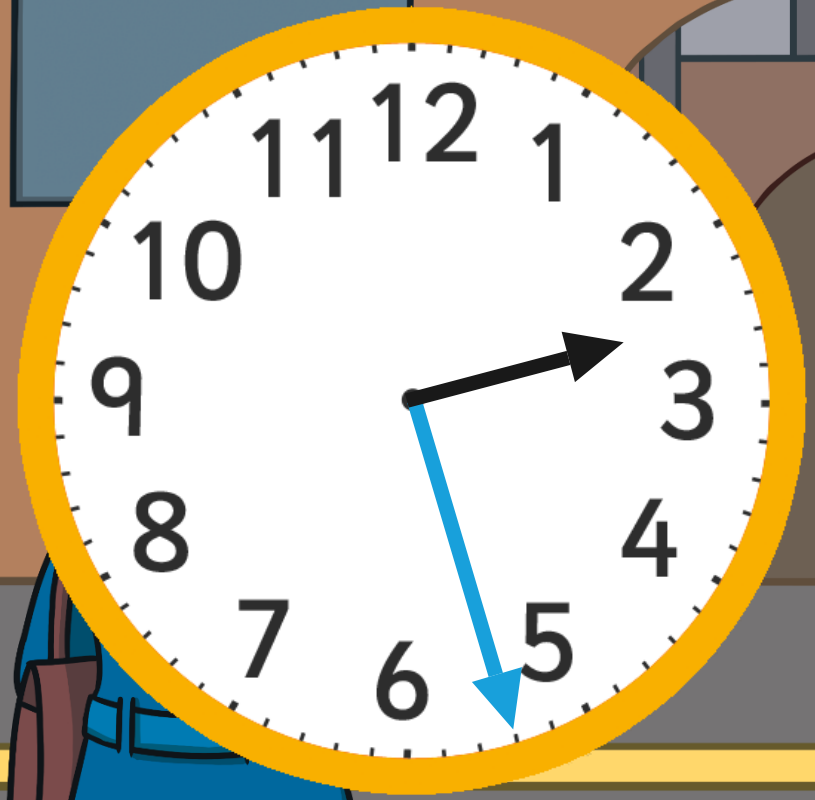
The exact time here is **23 minutes** past 12.

Nice work! Try and solve this final one.

Next

Counting on and back

Use the count on and count back method to answer this question.



What exact time will the train arrive?

The train will arrive at **27 minutes** past 2.

Next

Fluency

- Please complete the sheet entitled MATHS TUESDAY 1 MINUTE INTERVALS.

- There is a challenge sheet available. The answers for it are on the second sheet.

- There is also work set on DoodleMaths and Purple Mash.

Activity Answers 5 minute intervals

- 6:20
- 1:25
- 3:05
- 11:10
- 5:45
- 8:40
- 7:35
- 12:50
- 10:15

Activity Answers 1 minute intervals

- 2:29
- 7:46
- 6:32
- 4:03
- 12:52
- 1:02
- 9:24
- 8:18
- 5:23