

29.04.2024

Challenge of the week





Mental Maths

Put these numbers in order from smallest to largest.

One is done for you.

76 84 27 45 ~~18~~

18				
----	--	--	--	--

smallest

largest

This number sentence equals 18

$$\boxed{1} + \boxed{17} = \boxed{18}$$

Now write a **different** number sentence that equals 18

Write **one digit** in each empty box.

$$\boxed{} + \boxed{1} = \boxed{18}$$



29.04.2024

LQ: Can I read time in five minute intervals past the hour?

Steps to Success

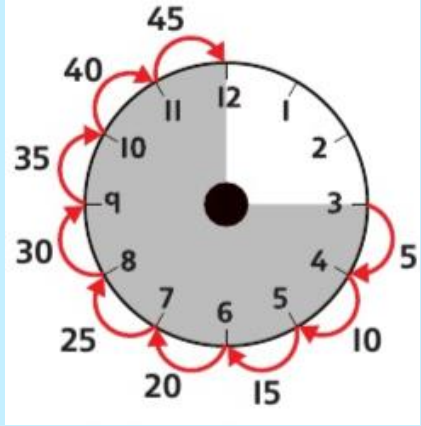
- I can use the minute hand to identify five minute intervals past the hour.*
- I can identify the hour by reading the hour hand.*
- I can solve problems that involve reading the time on analog clocks.*



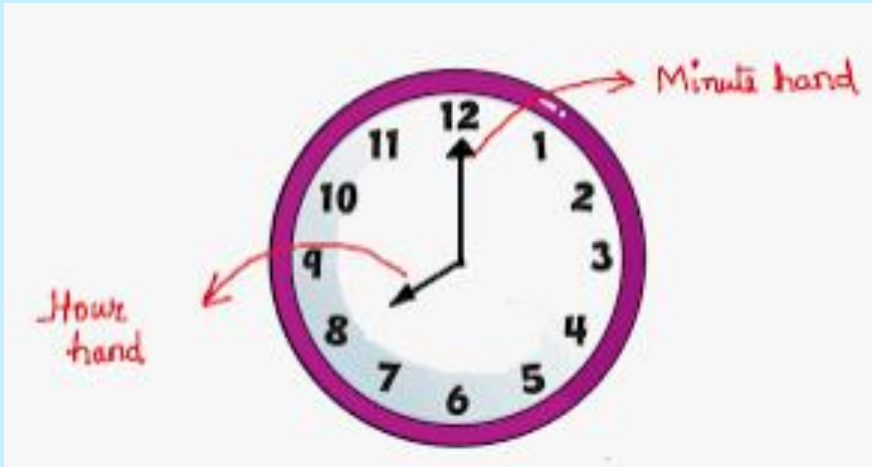
 **STAR
WORDS** 



time past



*5 minute
intervals*



minute hand

hour hand

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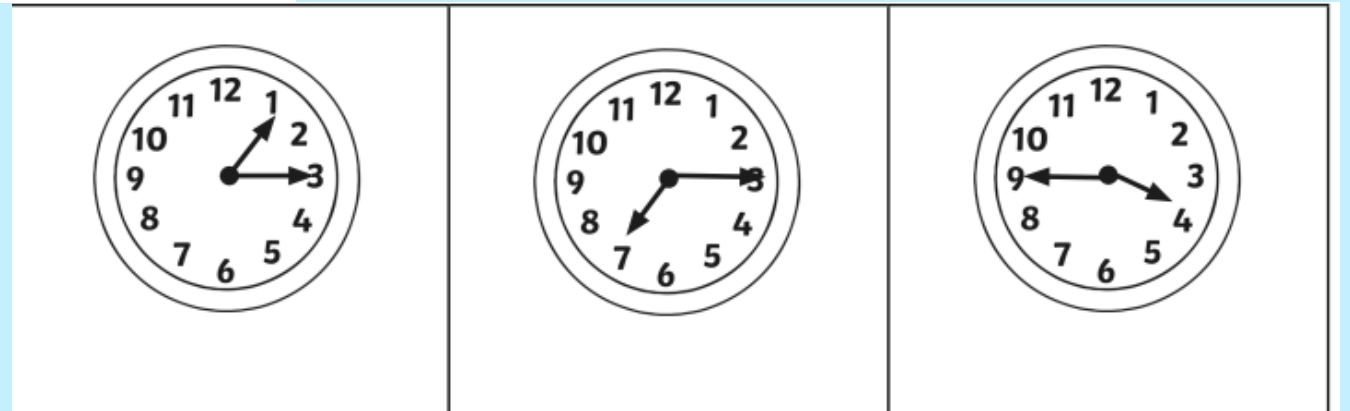
LQ: *Can I read time in five minute intervals past the hour on analog clocks?*



TPs- What can you remember about telling times of o'clock and half past, quarters.

<https://www.topmarks.co.uk/time/teaching-clock>

Let's recap our learning. Look at the clocks.

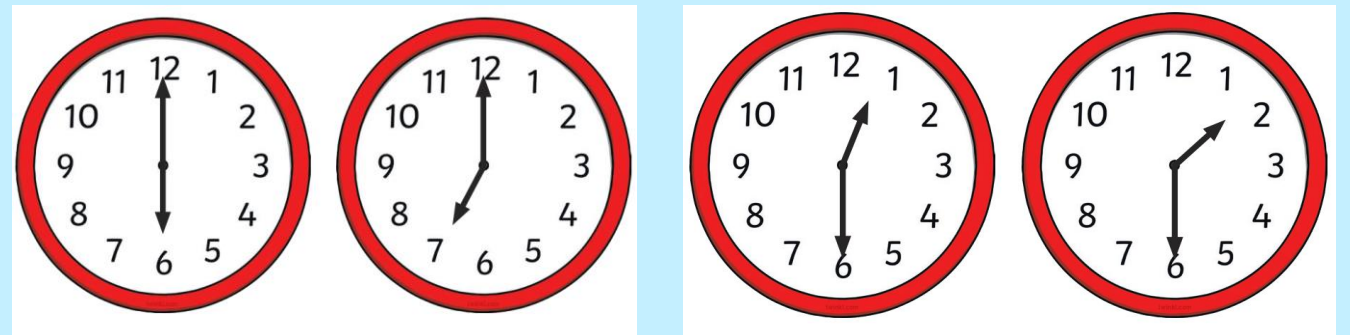


TPs – What is the time?

How do you know?

'The time is...'

'I know this because...'



LQ: Can I read time in five minute intervals past the hour on analog clocks?

Recap

1 minute = 60 seconds

1 hour = 60 minutes

1 day = 24 hours

Half a day = 12 hours

1 week = 7 days



60 seconds = 1 minute

60 minutes = 1 hour

24 hours = 1 day

7 days = 1 week

365 days = 1 year

52 weeks = 1 year

10 years = 1 decade

100 years = 1 century

1000 years = 1 millennium

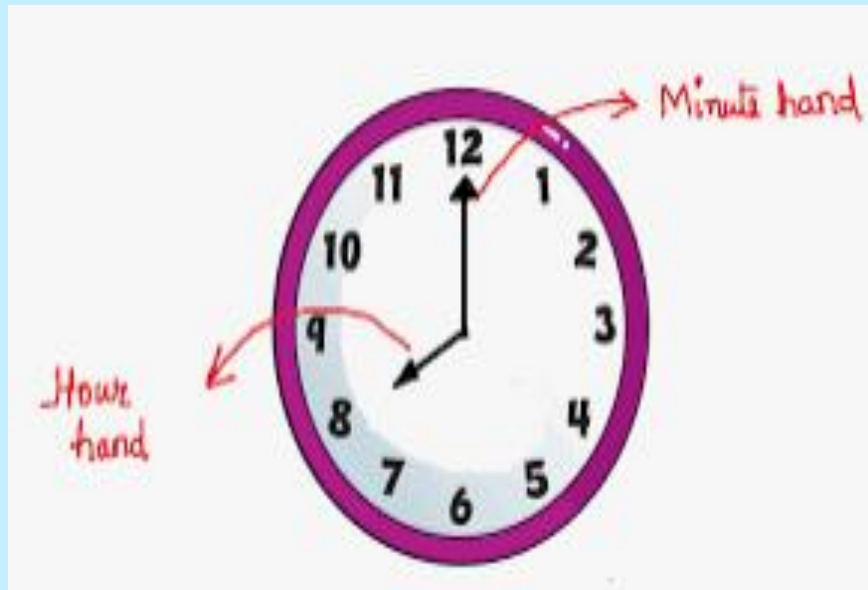
The bottom section of the slide features three circular illustrations. On the left is a calendar for the month of April, showing the days of the week and the dates. In the center is a wristwatch with a green strap and a white face. On the right is an analog clock with a blue face and a white border, showing the time as 12:00. Behind the clock is an hourglass illustration.

29.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Today we are going to read time in five minute intervals past the hour on analog clocks. We will use our clocks and practice with a partner to tell the times later.

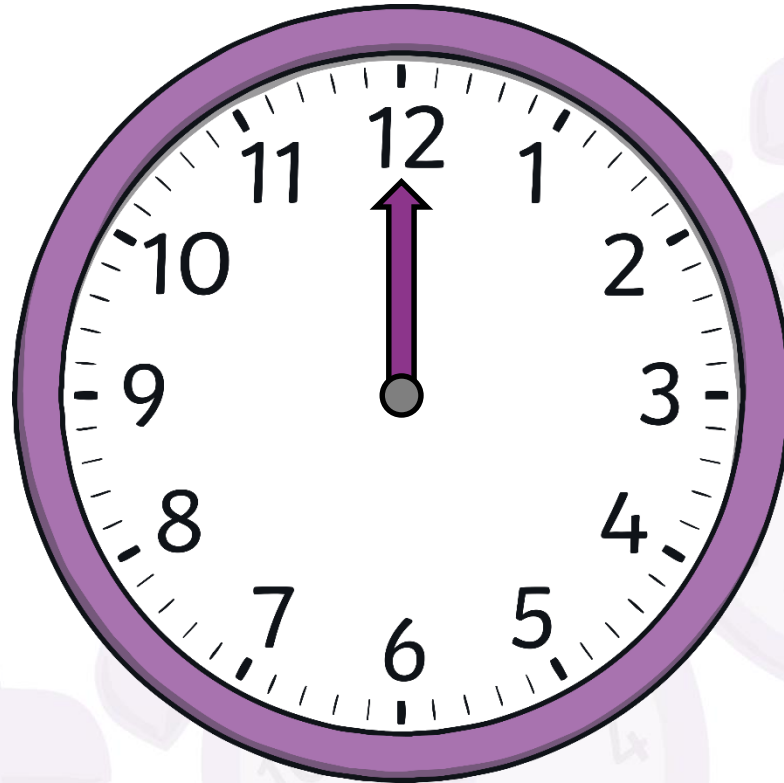
Now, let's look at the slides below and recap.



29.04.2024

LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

There are 60 minutes in 1 hour.

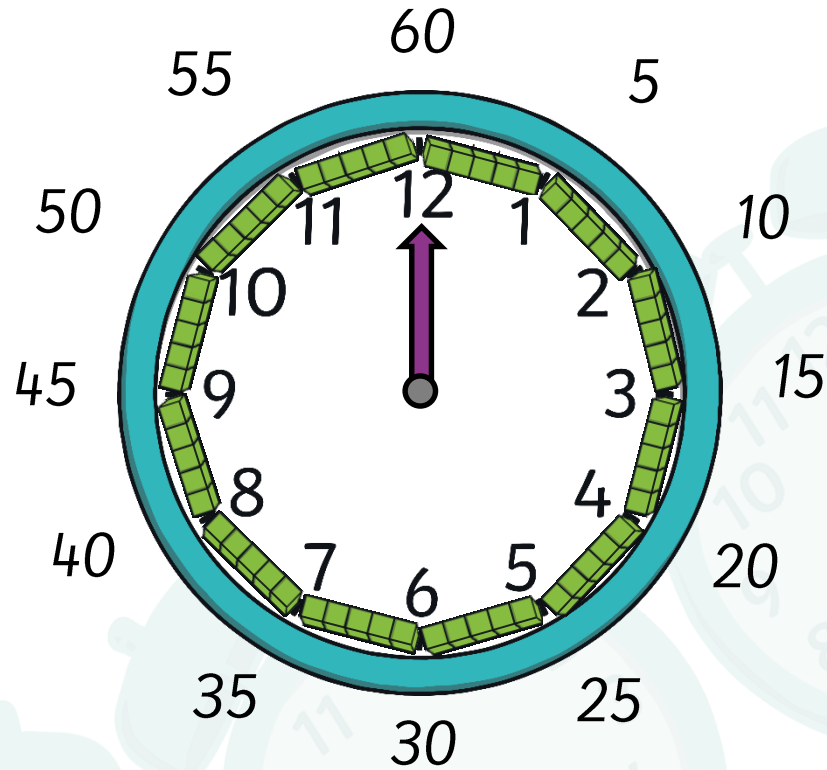


29.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

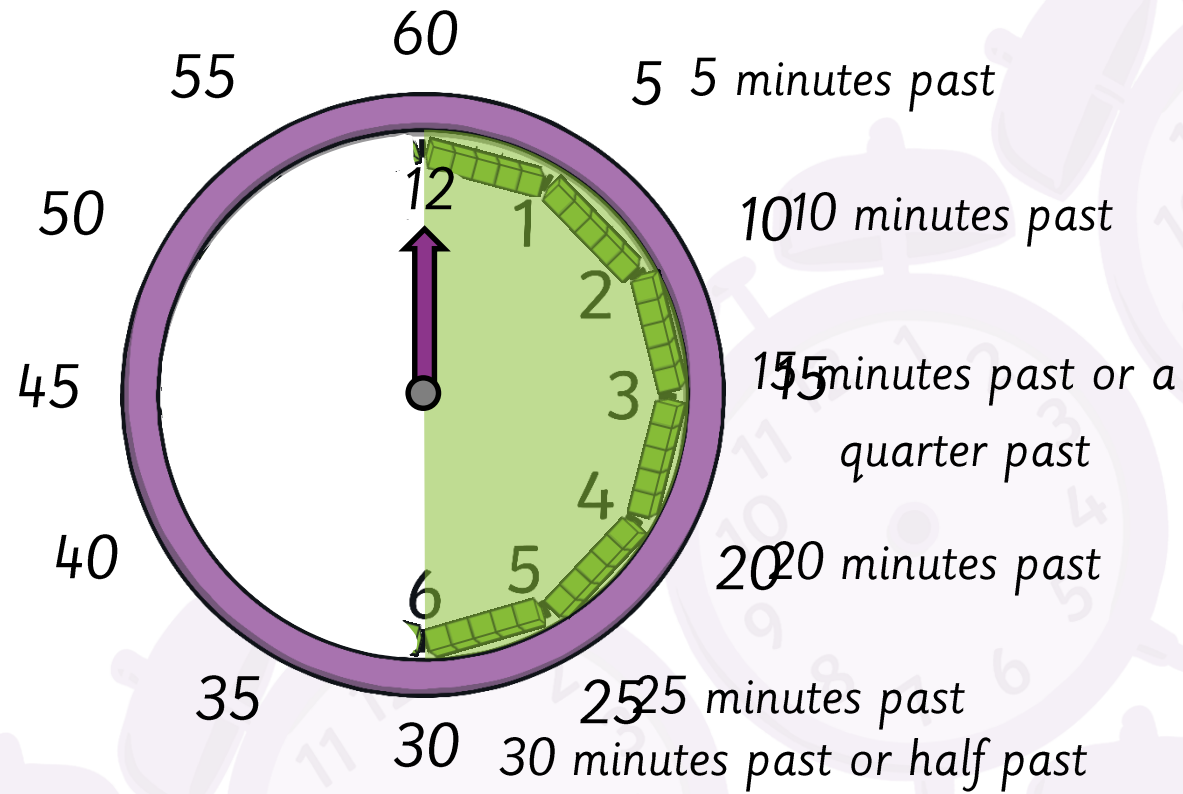
It takes 5 minutes for the minute hand to turn from one number to the next.

Count in groups of 5 as the minute hand points to each number.



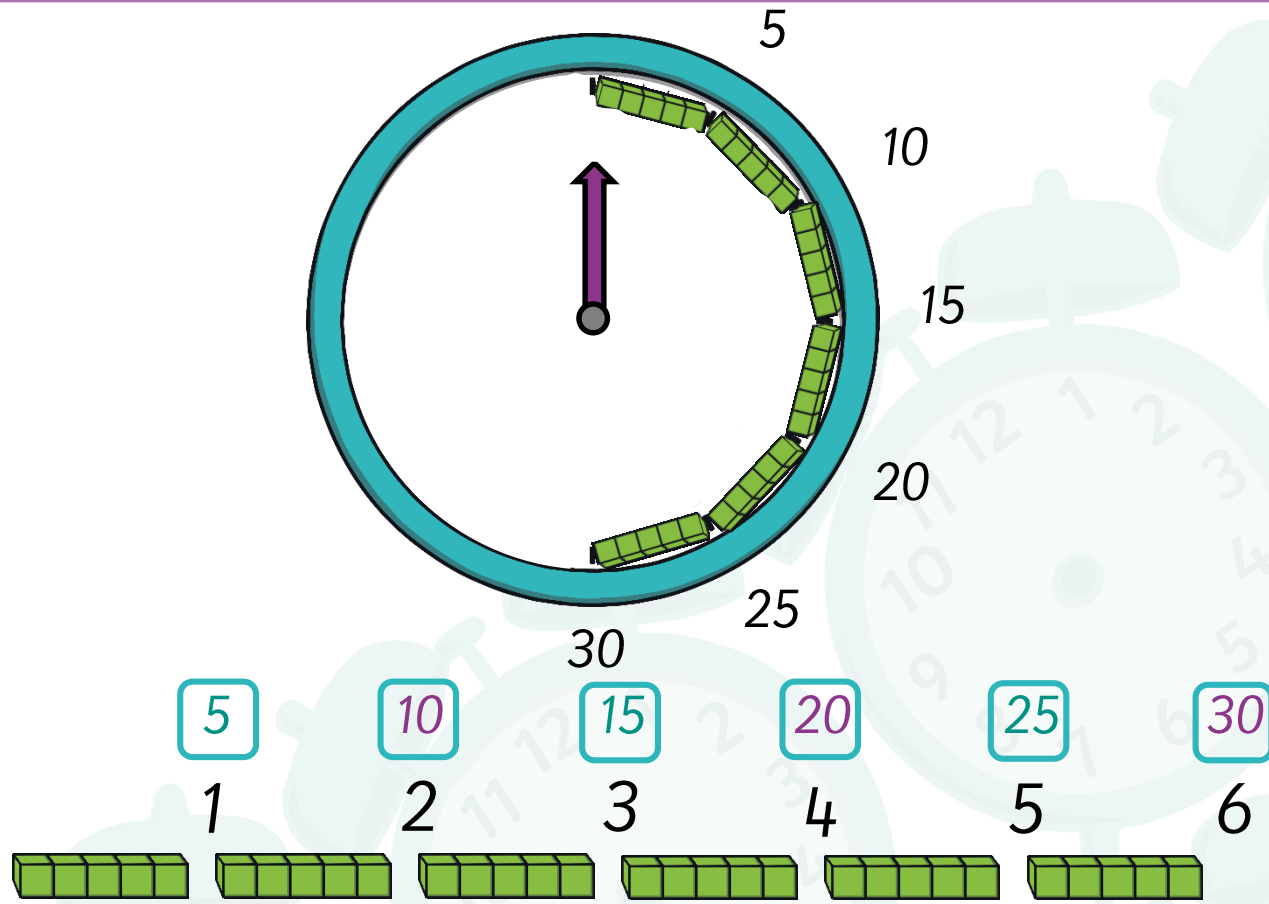
LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

When the minute hand is pointing to anywhere on the **right-hand side** of the clock, then it is showing **minutes past** the hour. This is our learning aim for the lesson.



LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

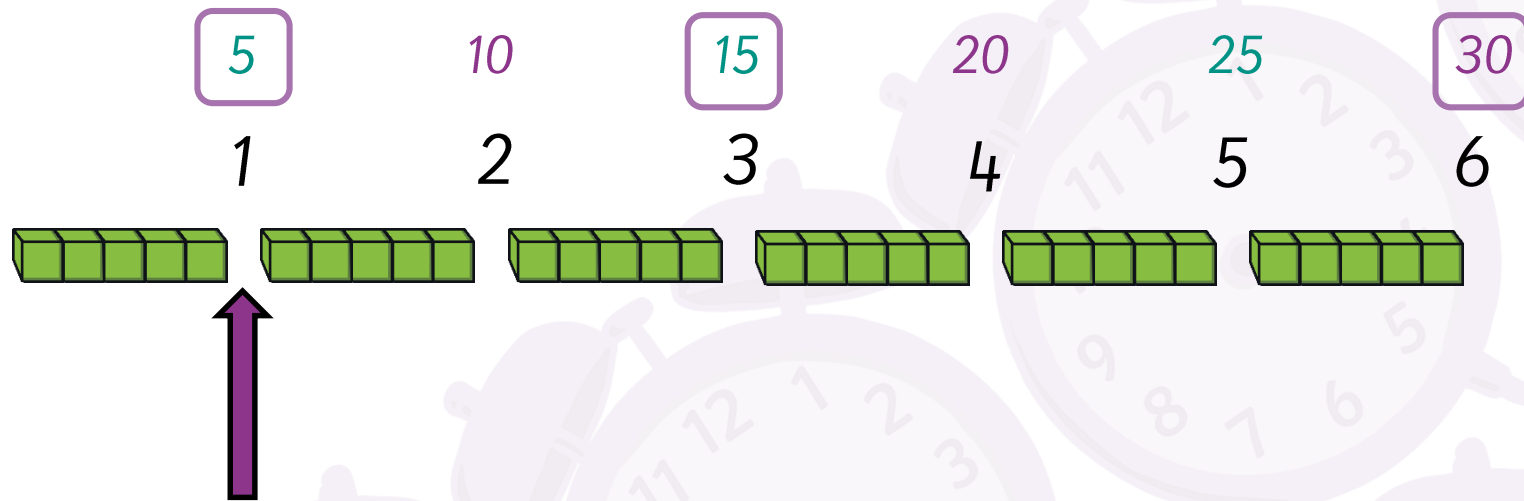
Let's practise counting in groups of 5 minutes. These are called 5 minute intervals.



LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

When the minute hand points to ~~8~~ it is ~~35~~ minutes past the hour.

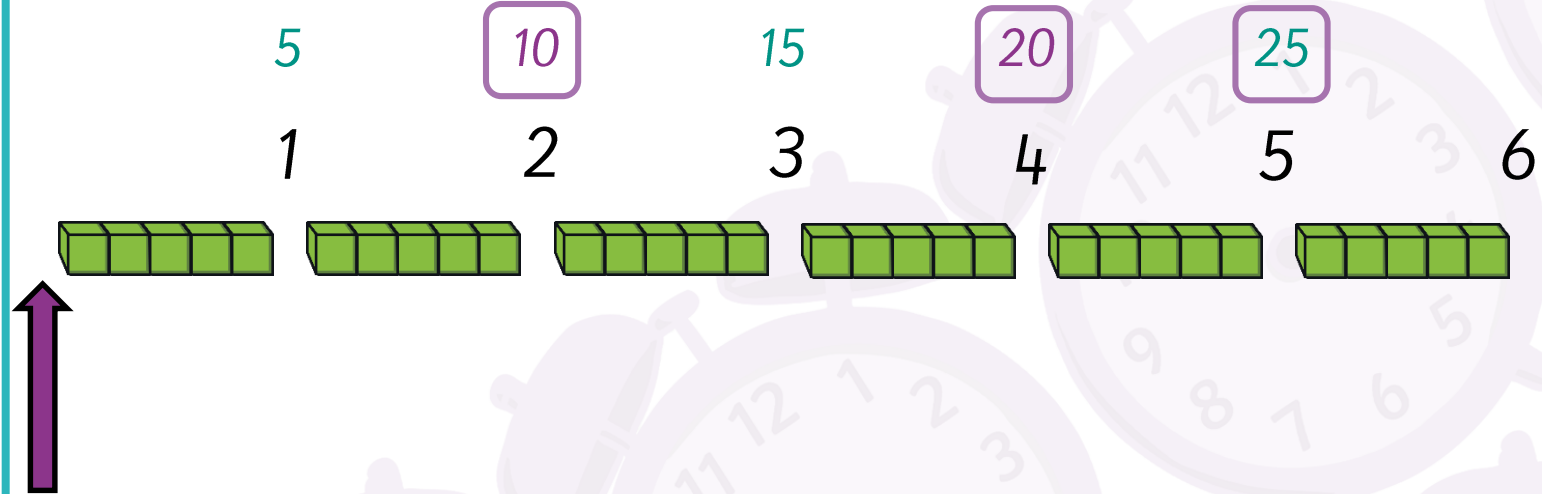
Count in groups of 5 to work out how many minutes past the hour.



LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

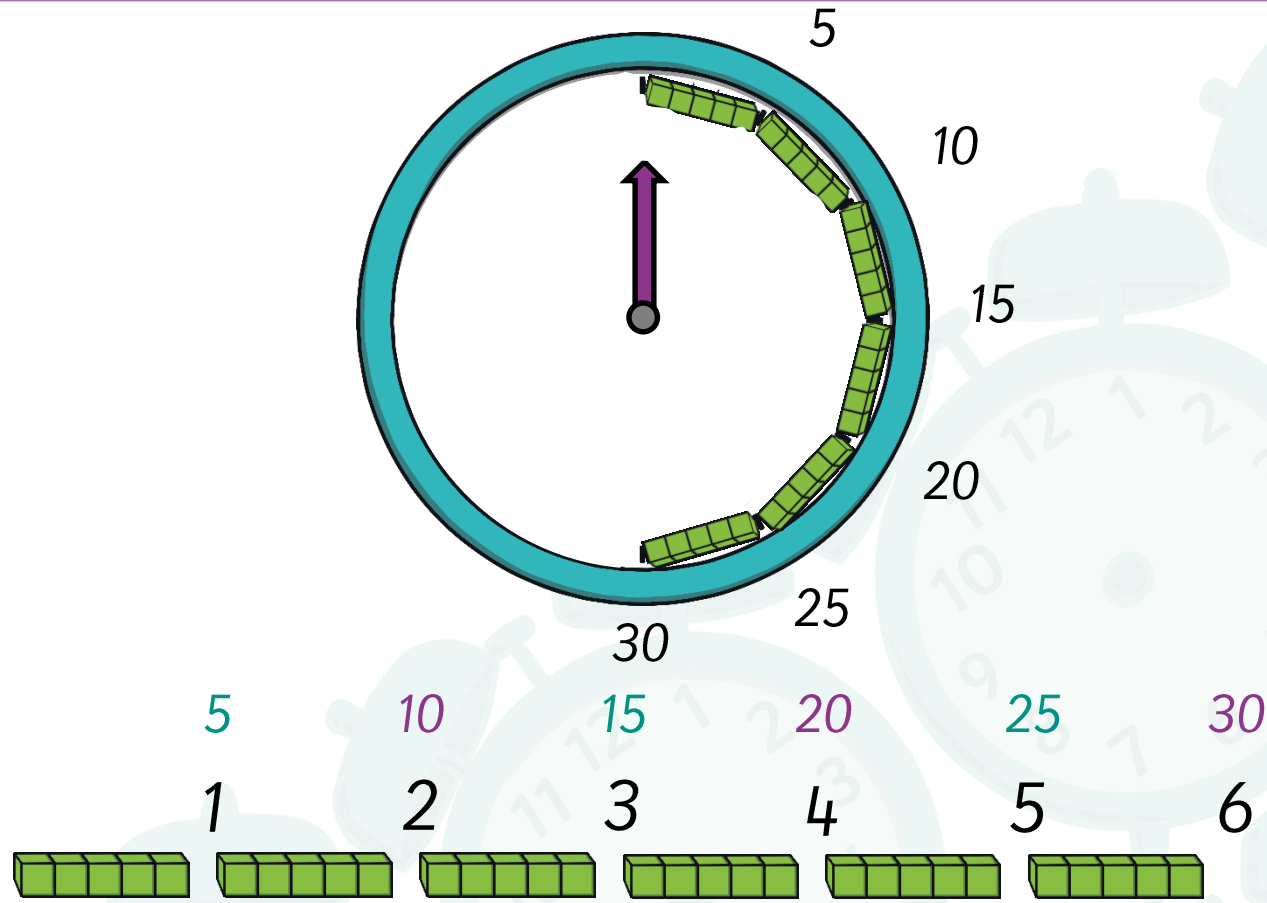
When the minute hand points to ~~5~~ it is ~~25~~ minutes past the hour.

Use your **Five Minute Interval Number Line** and count in groups of 5 to help you.



LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

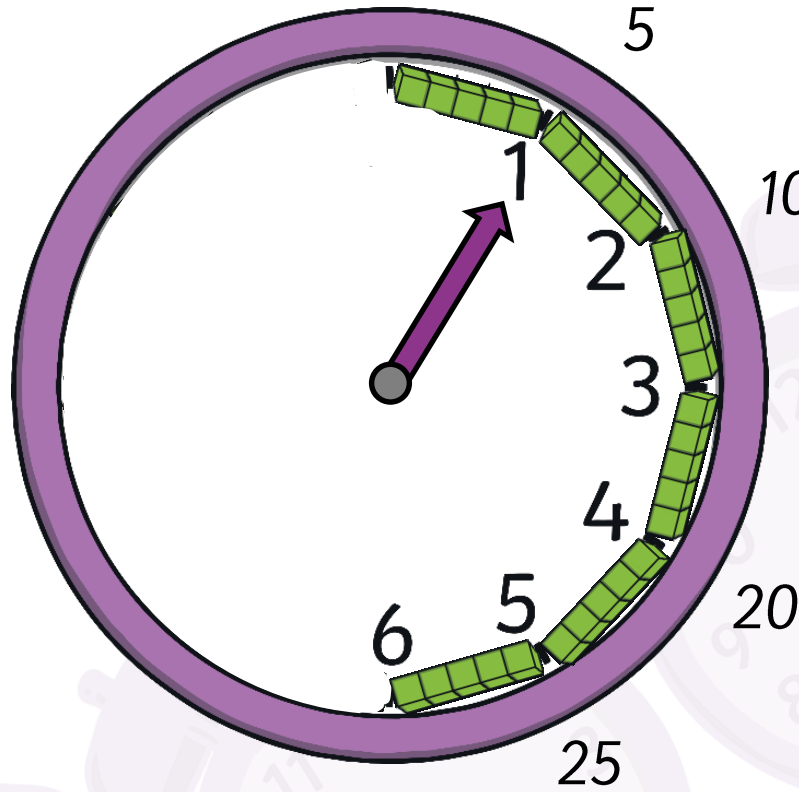
Let's practise reading 5 minute intervals on the clock.



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LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

When the minute hand points to it is minutes past the hour.

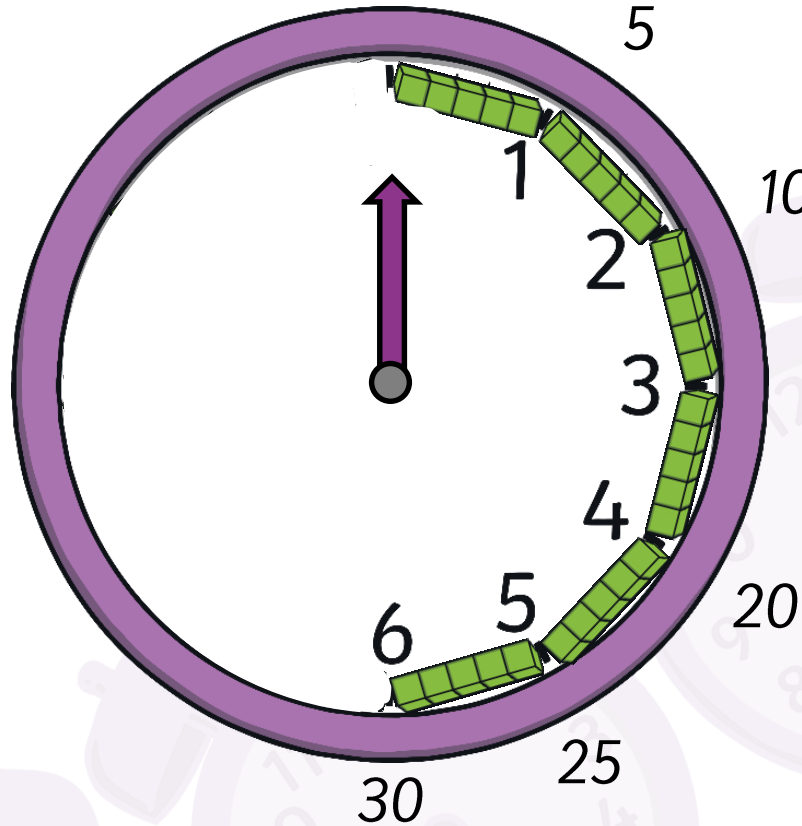


LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Use your **Five Minute Interval Number Line** and your mini clocks to find the answers with your partner. When the minute hand points to _____, it is _____ minutes past the hour.

6

30



Self Assessment

Do you understand how to tell the time in five minute intervals past the hour?



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LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

What happens to the hour hand when the minute hand moves to the next 5 minute interval?

It turns slightly further past the hour.

30 minutes past 9



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LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Read the times shown on the clocks.

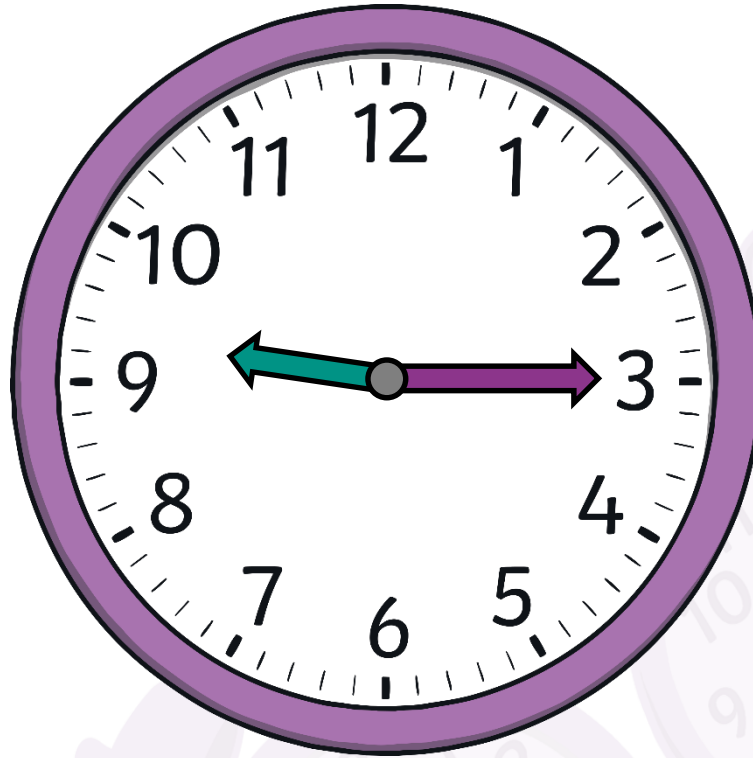


5 minutes past 7

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LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

Read the times shown on the clocks.



15 minutes past 9 or a quarter past 9

29.04.2024

LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

Read the times shown on the clocks.



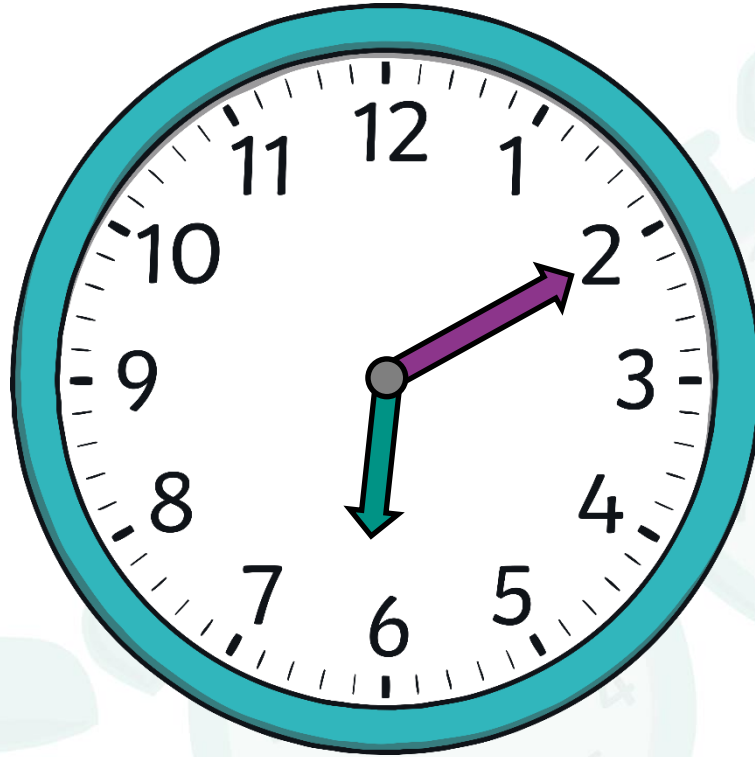
25 minutes past 11

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LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Use clocks to show these written times.

10 minutes past 6

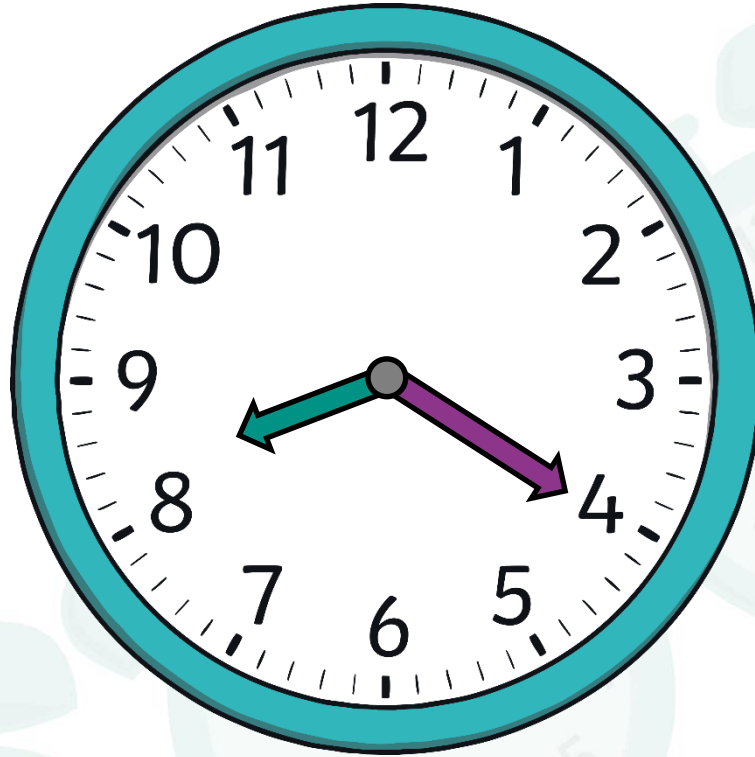


29.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Use clocks to show these written times.

20 minutes past 8



Self Assessment

Do you understand how to tell the time in five minute intervals past the hour?



29.04.2024

LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

Is there another way to say this time? _____ n times.

30 minutes past 10

Half past 10.



LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

Match the labels to the clocks.
One clock is missing. Which one?



10 minutes past 6

5 minutes past 5


20 minutes past 8


15 minutes past 10


29.04.2024


LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

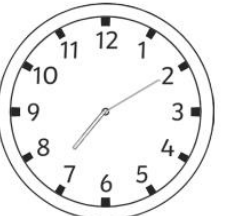
Look at the sheets on the table. Work together with your partner and practice telling the time.

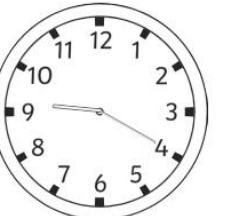
a.  _____ minutes to twelve


b.  five minutes to _____

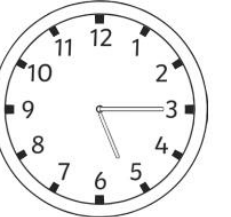
c.  _____ to six

d.  _____ minutes to two

a.  _____ minutes past seven

b.  twenty minutes past _____

c.  twenty-five minutes past _____

d.  _____ past five

Self Assessment

Do you understand how to tell the time in five minute intervals past the hour ?







30.04.2024



Mental Maths

Draw a line to match each measurement to the correct unit.

One is done for you.

measurement	unit
 the length of a pencil	kg
 the mass of a bag of potatoes	°C
 the capacity of a cup	cm
 the temperature outside	ml

A line connects the pencil measurement to the cm unit.



30.04.2024

LQ: Can I read time in five minute intervals past the hour on analog clocks?

Steps to Success

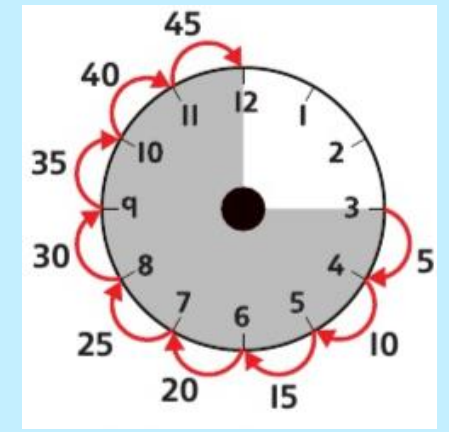
- I can use the minute hand to identify five minute intervals past the hour.*
- I can identify the hour by reading the hour hand.*
- I can solve problems that involve reading the time on analog clocks.*



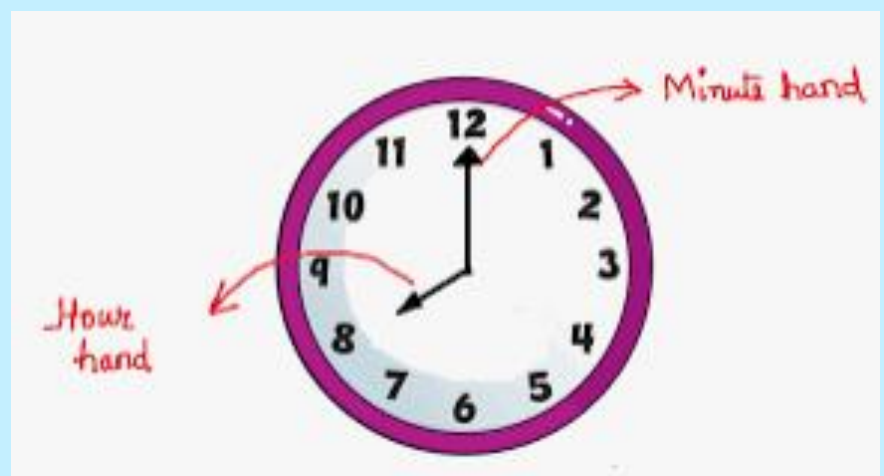
 **STAR WORDS** 



time past



5 minute intervals



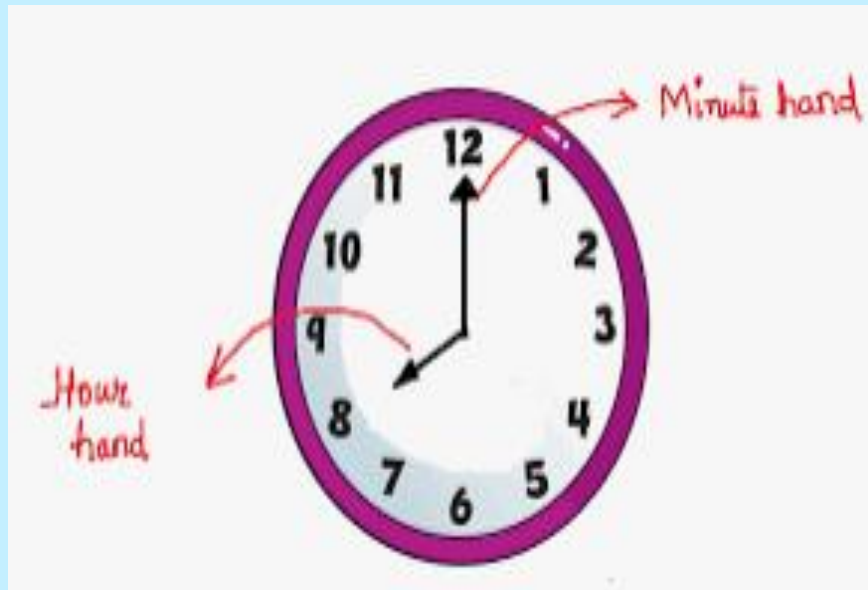
minute hand
hour hand

29.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Today we are going to consolidate reading time in five minute intervals past the hour on analog clocks.

Now, let's look at the slides below and recap.



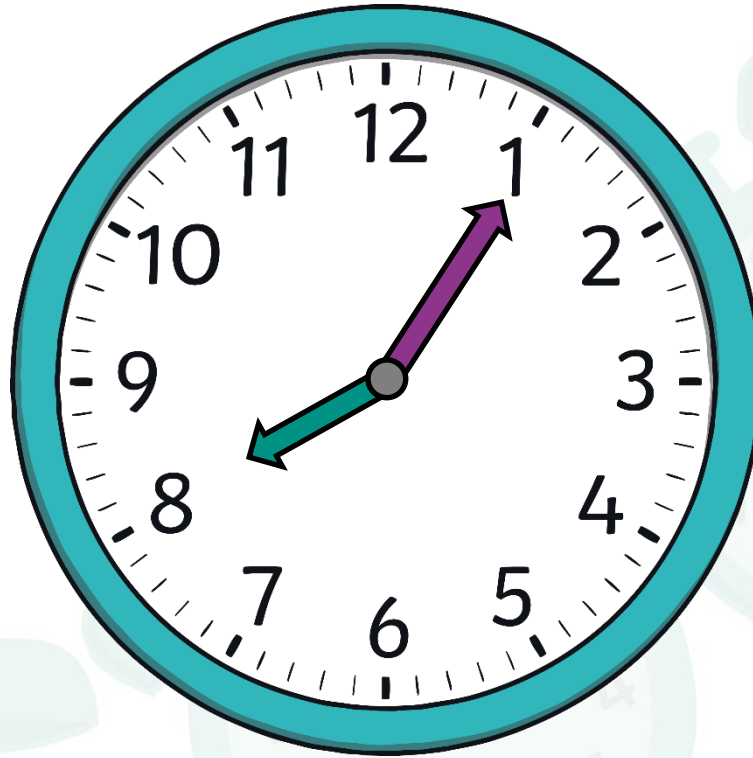
30.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Read the time on the clock.

What time will it be 5 minutes later?

10 minutes past 8.



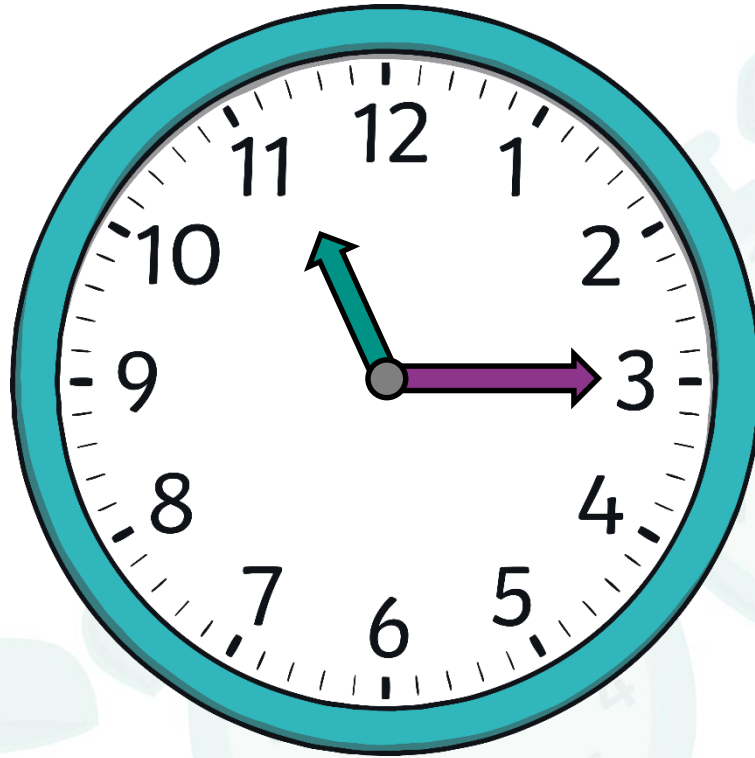
30.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Read the time on the clock.

What time will it be 5 minutes later?

20 minutes past 11.



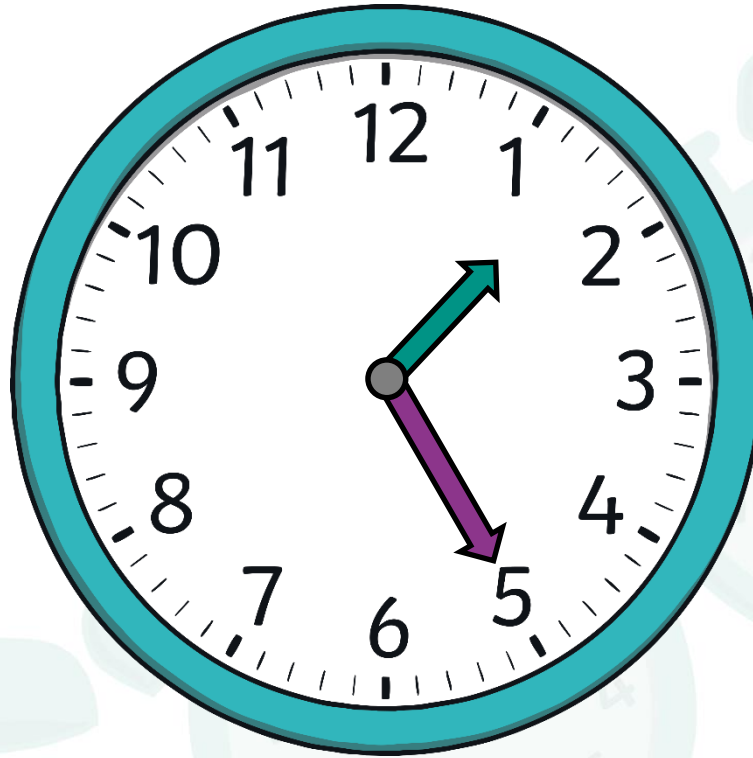
30.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Read the time on the clock.

What time will it be 5 minutes later?

30 minutes past 1 or half past 1.



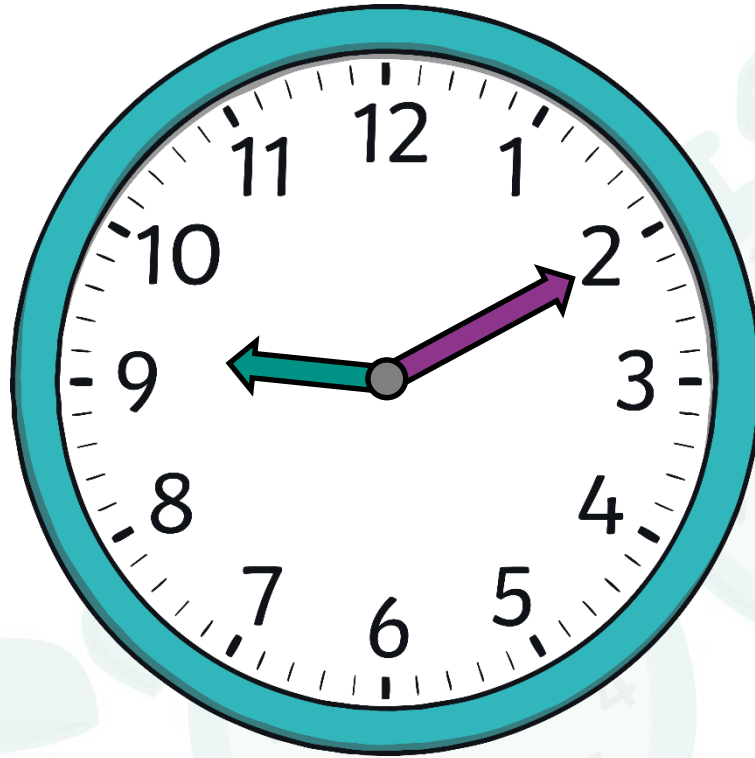
30.04.2024

LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

Show 10 minutes past 9 on your clock.

What time will it be 5 minutes later?

15 minutes past 9 or a quarter past 9.



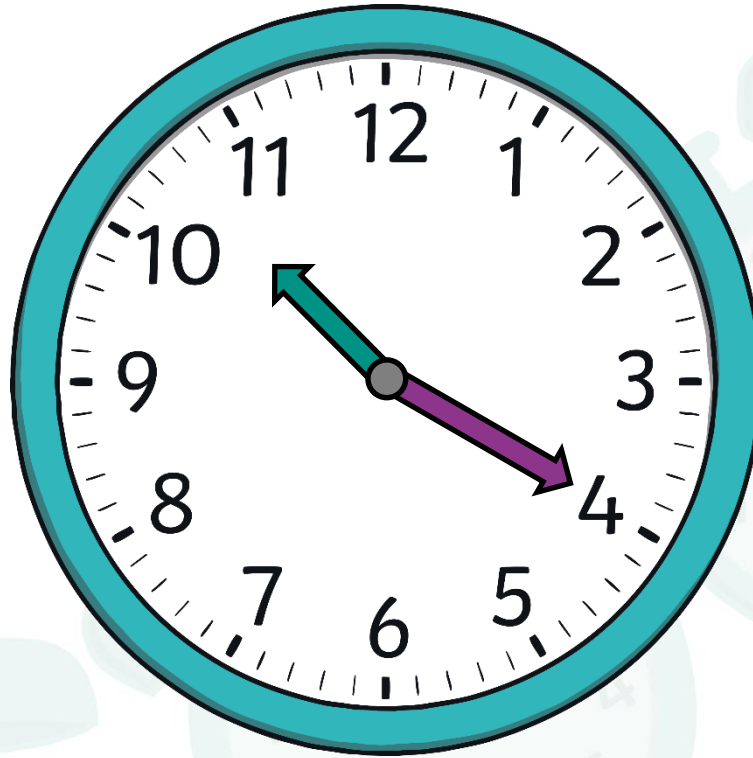
30.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Show 20 minutes past 10 on your clock.

What time will it be 5 minutes later?

25 minutes past 10.



30.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Show 25 minutes past 12 on your clock.

What time will it be 5 minutes later?

30 minutes past 12
or half past 12.



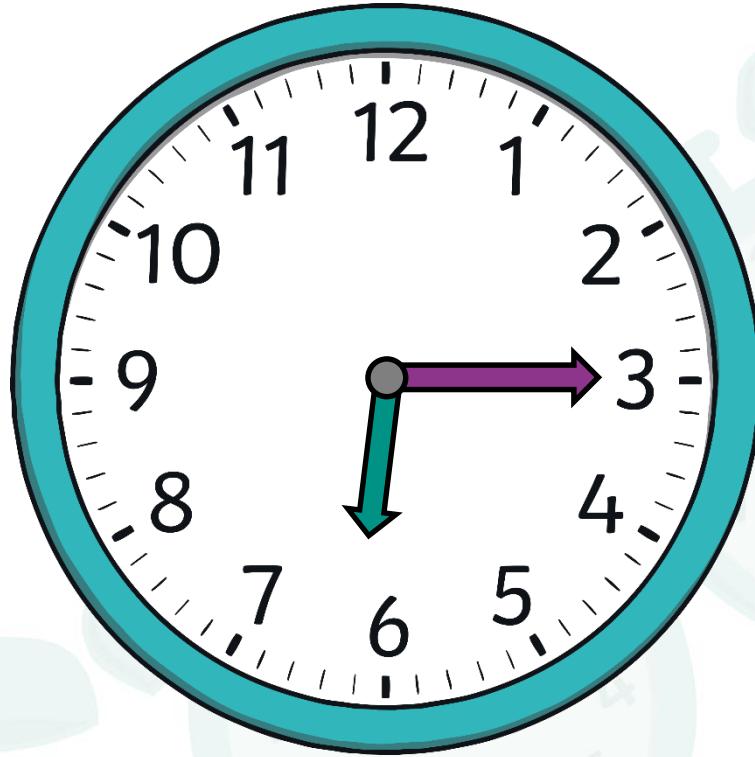
30.04.2024

LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

Read the time on the clock.

What time was it 5 minutes earlier?

10 minutes past 6.



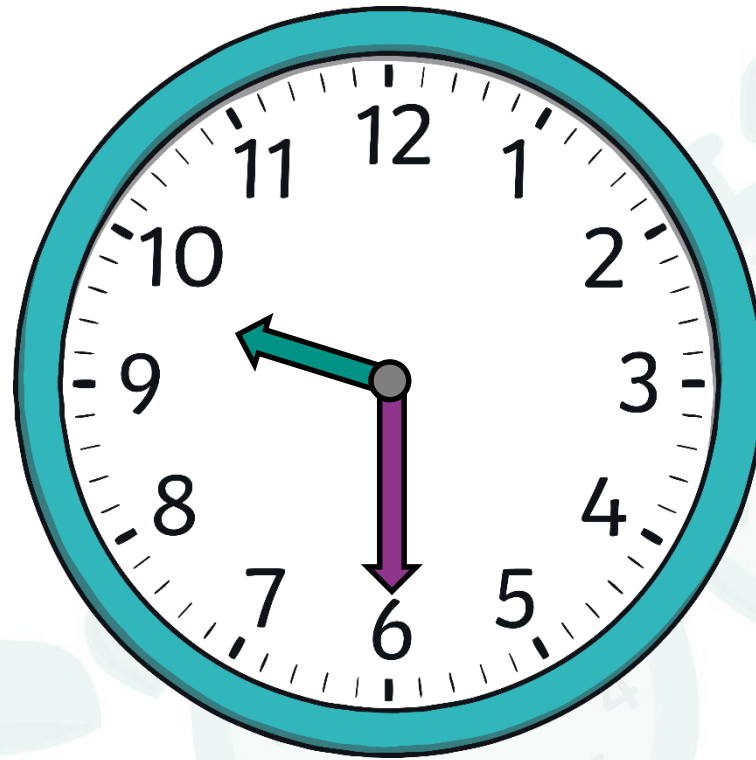
30.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Read the time on the clock.

What time was it 5 minutes earlier?

25 minutes past 9.



30.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Read the time on the clock.

What time was it 5 minutes earlier?

5 minutes past 4.



30.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Show 25 minutes past 8 on your clock.

What time was it 5 minutes earlier?

20 minutes past 8.



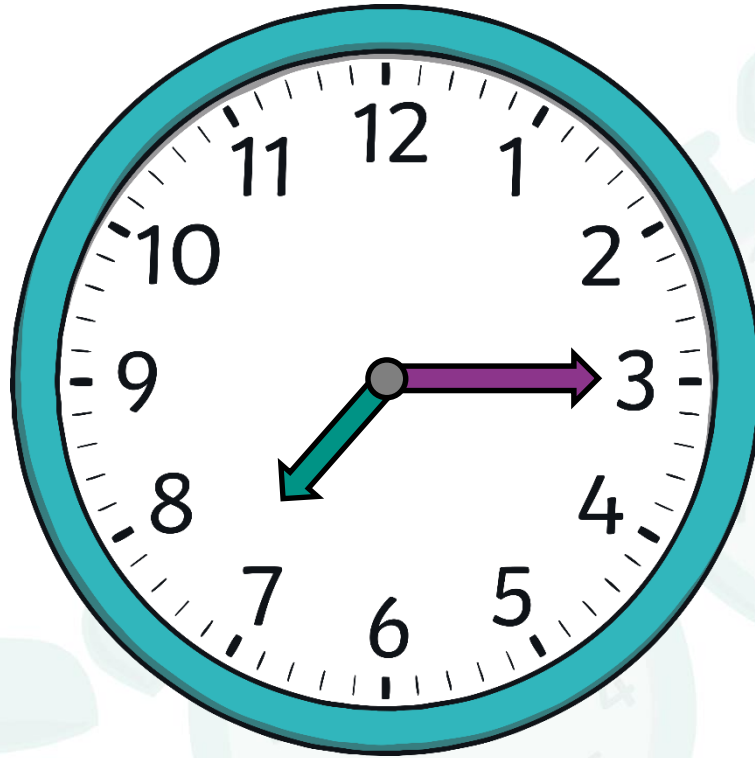
30.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Show 15 minutes past 7 on your clock.

What time was it 5 minutes earlier?

10 minutes past 7.



30.04.2024

LQ: **Can I** read time in five minute intervals past the hour on analog clocks?

Show 30 minutes past 9 on your clock.

What time was it 5 minutes earlier?

25 minutes past 9.

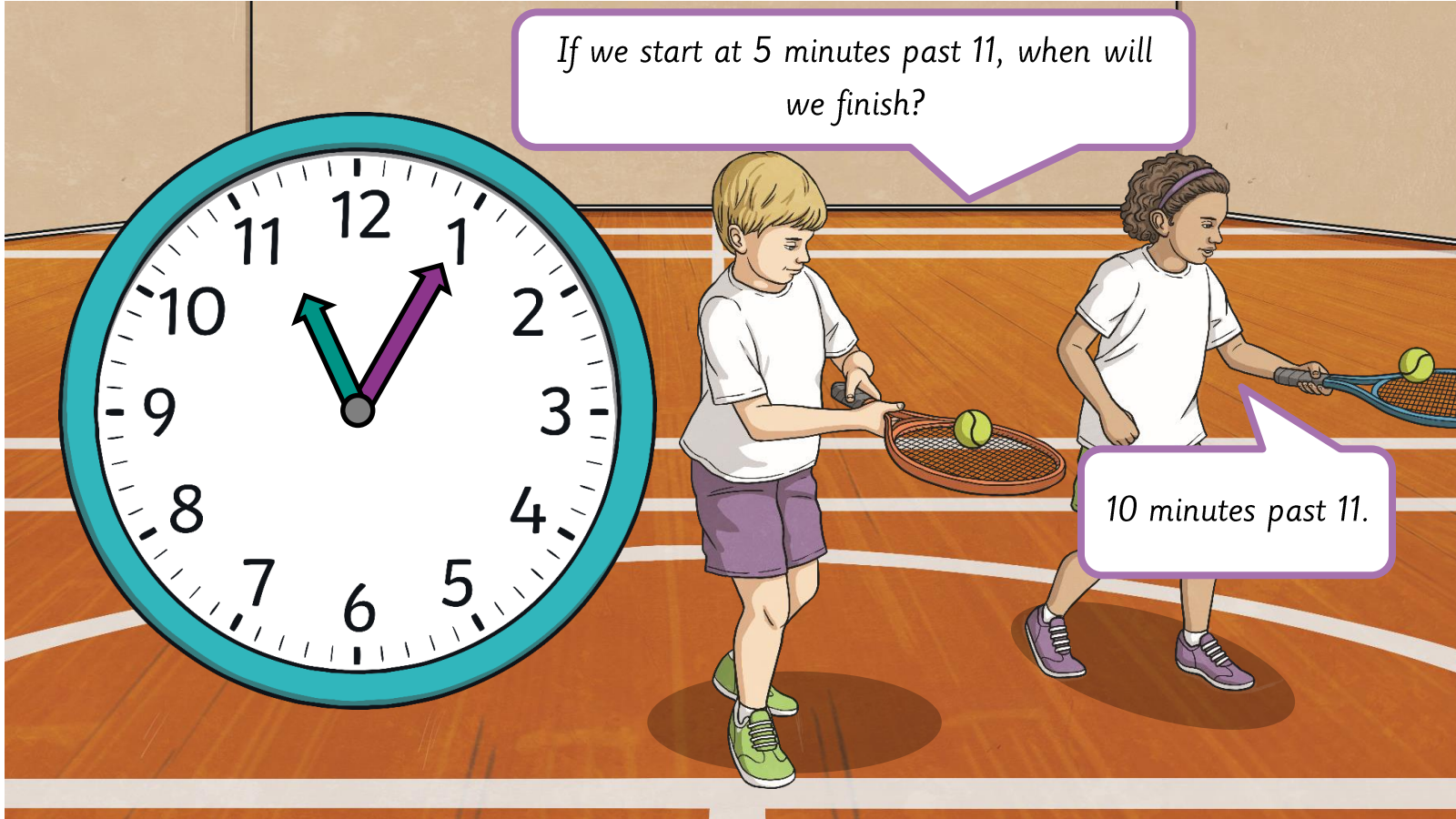


30.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

It takes the children 5 minutes to tidy the PE equipment away.

If we start at 5 minutes past 11, when will we finish?



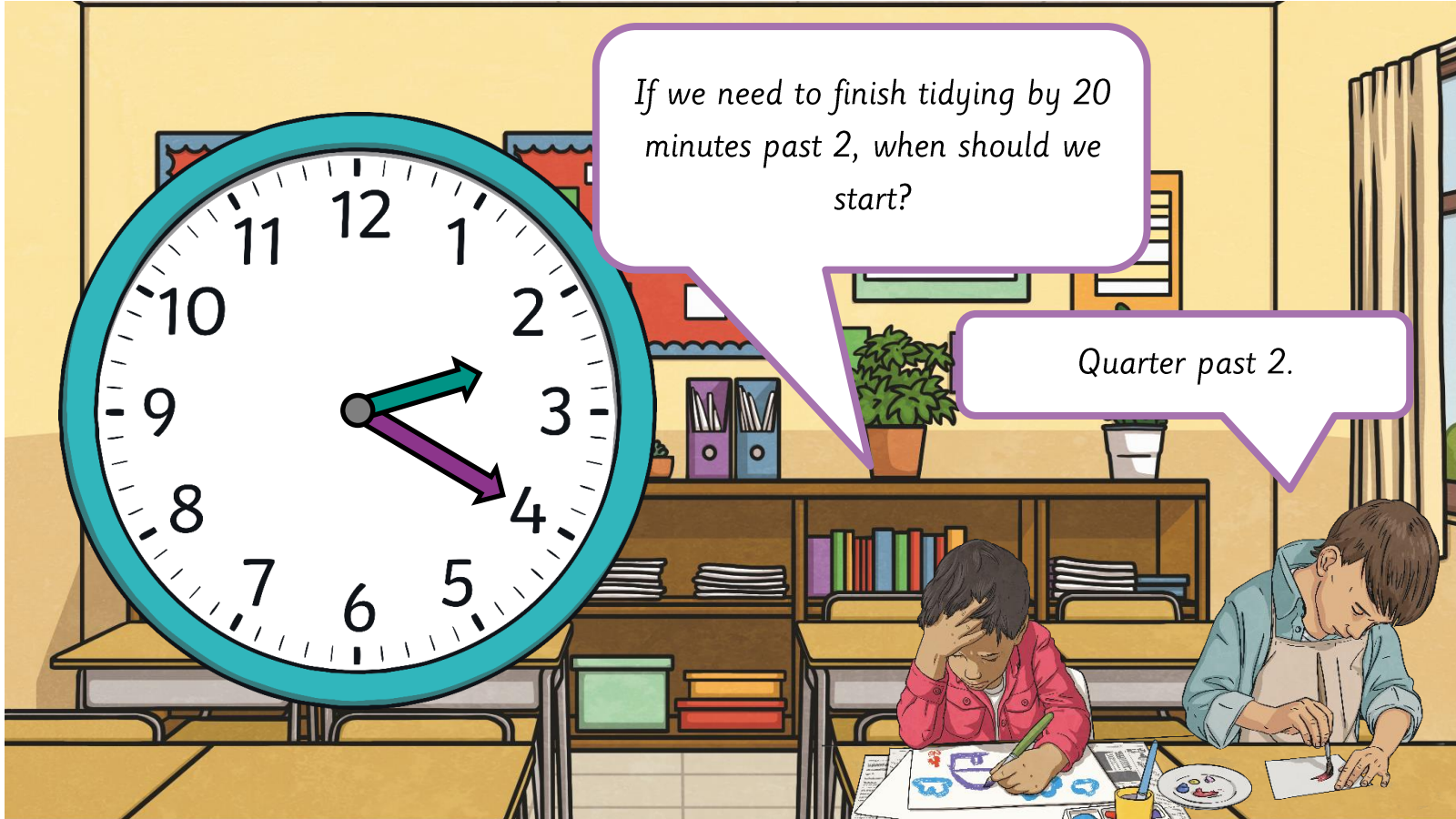
10 minutes past 11.

Use clocks to find and show your answer.

30.04.2024

LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

It takes the children 5 minutes to tidy the art supplies.



Use clocks to find and show your answer.

30.04.2024



LQ: *Can I read time in five minute intervals past the hour on analog clocks?*

Complete the work in your books.

Self Assessment

Do you understand how to tell the time in five minute intervals past the hour?



<p>1. Write the time shown on each clock. Draw the hands on the clocks to show half past.</p>	<p>2. It takes the children 5 minutes to tidy the PE equipment away. If we start at 5 minutes past 11, when will we finish? Use the clock to check.</p> 	<p>3. It takes the children 5 minutes to tidy the art supplies. If we need to finish tidying by 20 minutes past 2, when should we start? Use the clock to check.</p> 
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2. Use a ruler to draw hands on the clock faces to show these times. For some of the questions, the hour hand has been done for you

a.




five minutes past ten

b.



ten minutes past five

c.



quarter past eight

d.



twenty minutes past twelve

School trip to Saltdean Beach

02.05.2024

5 times tables

Mental Maths

$$\underline{\quad} \times 5 = 55$$

$$\underline{\quad} \div 5 = 9$$

$$\underline{\quad} \times 5 = 5$$

$$\underline{\quad} \div 5 = 2$$

$$9 \times 5 = \underline{\quad}$$

$$40 \div 5 = \underline{\quad}$$

$$2 \times 5 = \underline{\quad}$$

$$\underline{\quad} \div 5 = 3$$

$$8 \times 5 = \underline{\quad}$$

$$35 \div 5 = \underline{\quad}$$



02.05.2024

LQ: Can I tell the time at 5 minute intervals to the hour on analog clocks?

Steps to Success

- *I can use the minute hand to read and show 5 minute intervals to the hour.*
- *I can use the hour hand to read and show the next hour.*
- *I can solve time challenges involving 5 minute intervals to the hour.*

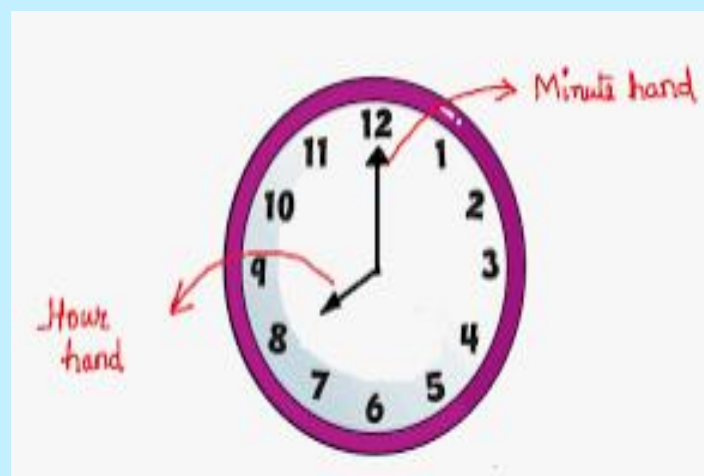


 **STAR
WORDS** 



time past

Five past



minute hand

hour hand

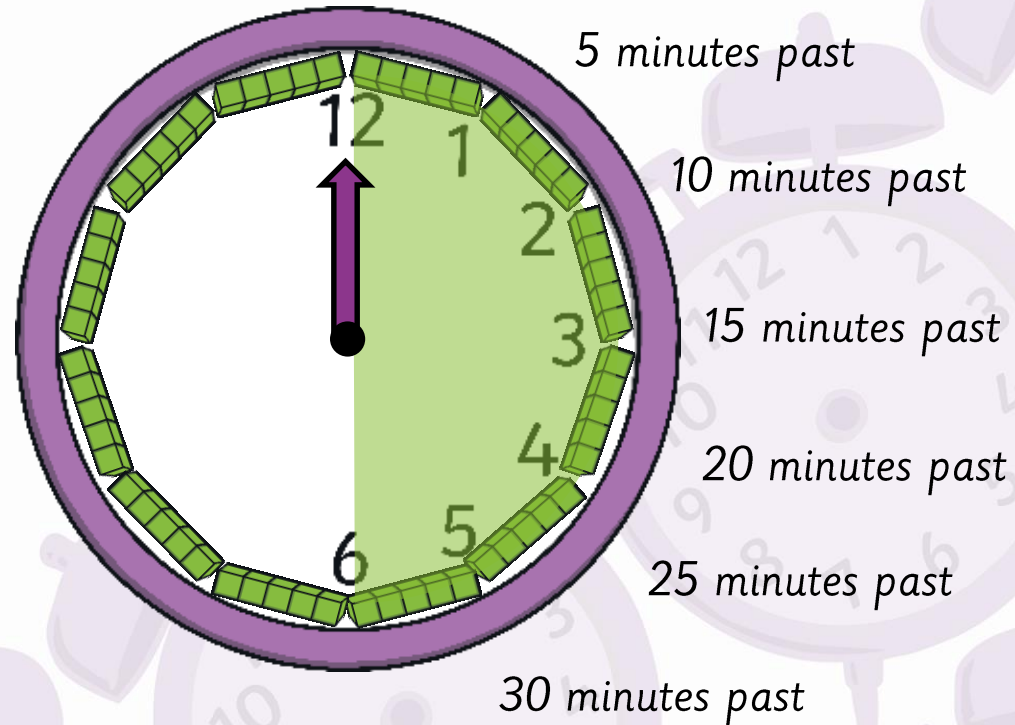
02.05.2024

LQ: Can I tell the time at 5 minute intervals to the hour on analog clocks?

When the **minute hand** turns through the right side of the clock, it shows us the minutes

past the hour.
Let's practise reading five minute intervals past the hour.

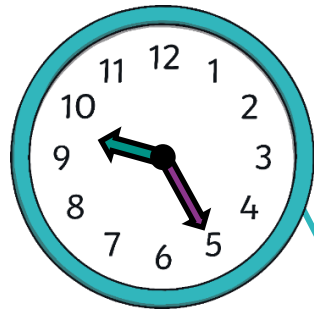
How long does the **minute hand** take to move from one number to the next?
5 minutes



LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

Match the labels to the clocks.

One clock is missing. Which one?



5 minutes past 9



20 minutes past 9

30 minutes past 9



25 minutes past 9



02.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

Read the times shown on the clock.

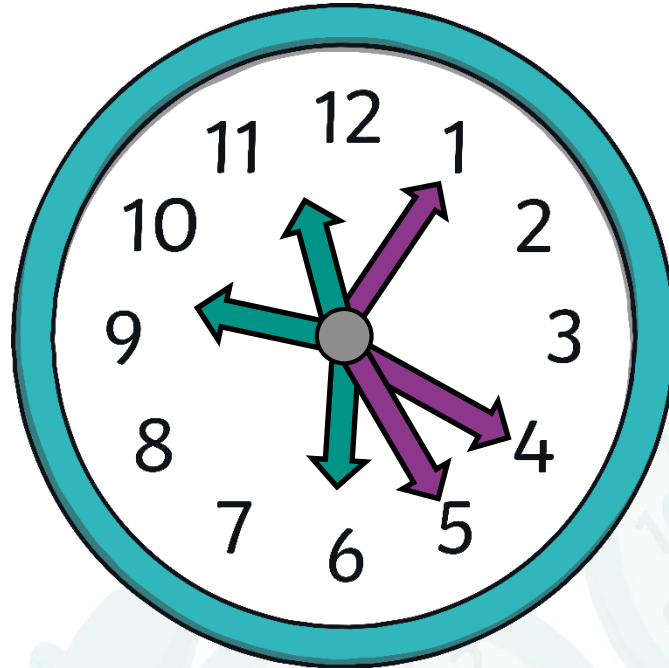


30 minutes past 9

02.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

Use clocks to show these written times.



25 minutes past 11

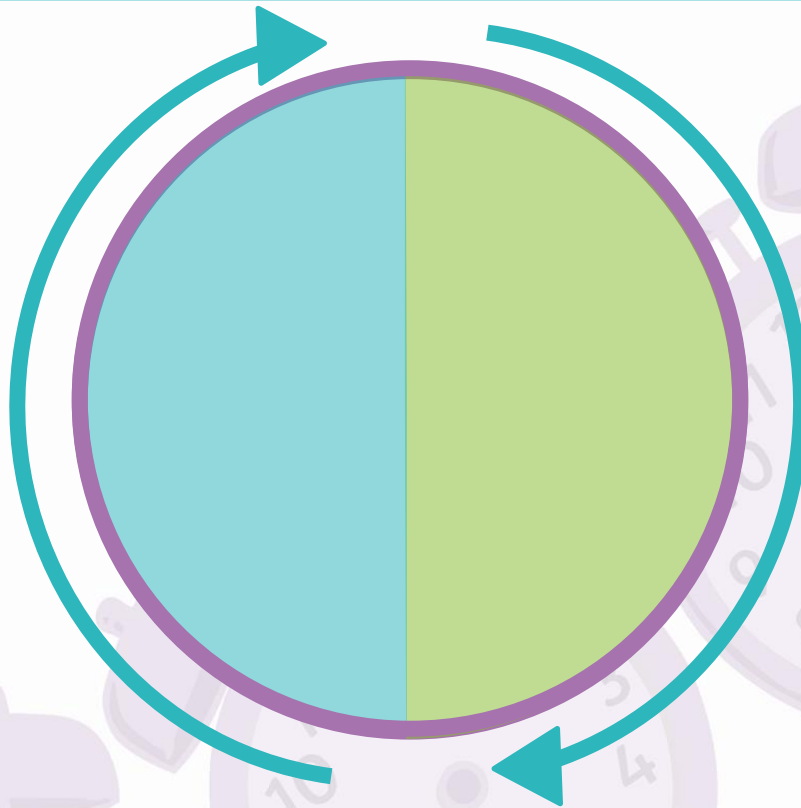
02.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

If the right side of the clock shows us minutes past the hour, what does the left side show?

Minutes to the next hour. *This is what we will focus on today.*

minutes to



minutes past

02.05.2024

LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

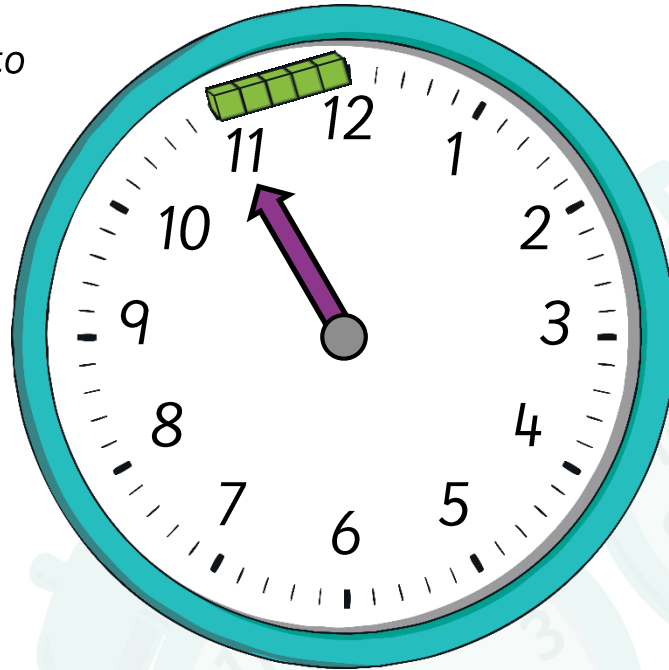
How long will it take the **minute hand** to turn from **11** to **12** (o'clock)?

5 minutes.

When the **minute hand** points to 11, it is 5 minutes to o'clock.

The next hour will begin in 5 minutes.

5 minutes to



LQ: Can I tell the time at 5 minute intervals to the hour on analog clocks?

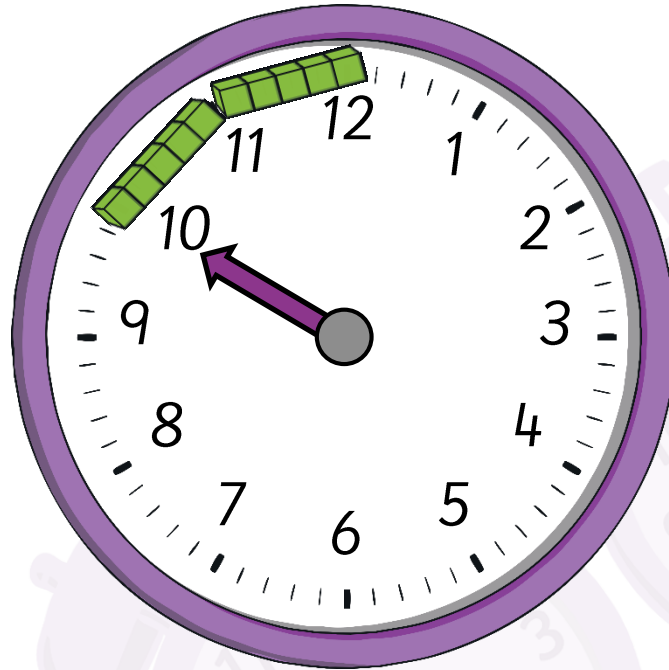
How long will it take the **minute hand** to turn from **10** to **12** (o'clock)?

10 minutes.

When the **minute hand** points to 10, it is 10 minutes to o'clock.

The next hour will begin in 10 minutes.

10 minutes to



02.05.2024

LQ: Can I tell the time at 5 minute intervals to the hour on analog clocks?

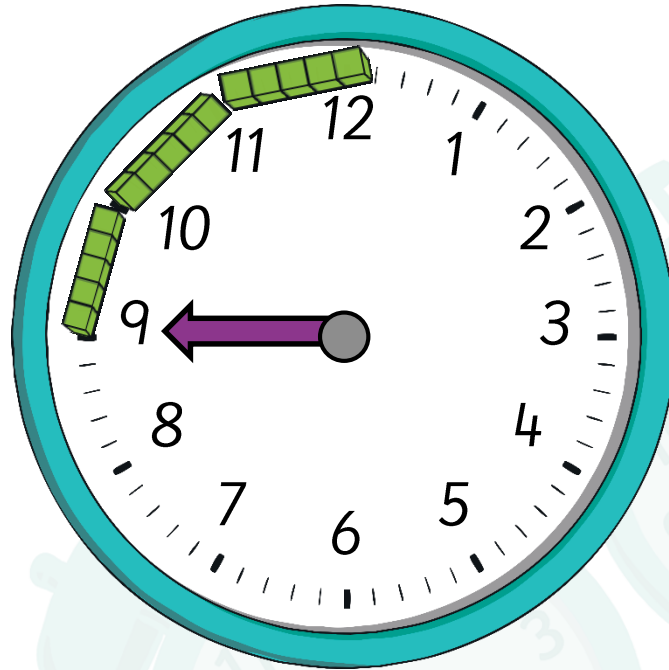
How long will it take the **minute hand** to turn from **9** to **12** (o'clock)?

15 minutes.

When the **minute hand** points to 9, it is 15 minutes to o'clock.

The next hour will begin in 15 minutes.

15 minutes to



02.05.2024

LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

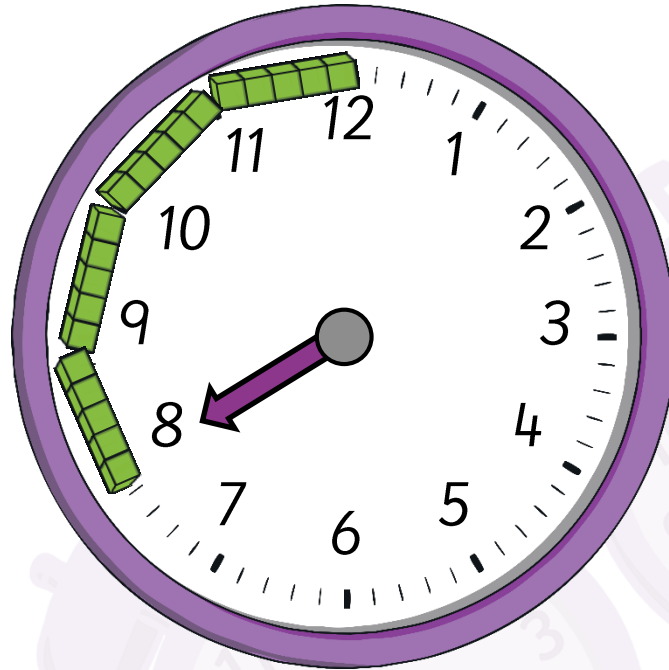
How long will it take the **minute hand** to turn from **8** to **12** (o'clock)?

20 minutes.

When the **minute hand** points to 8, it is 20 minutes to o'clock.

The next hour will begin in 20 minutes.

20 minutes to



LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

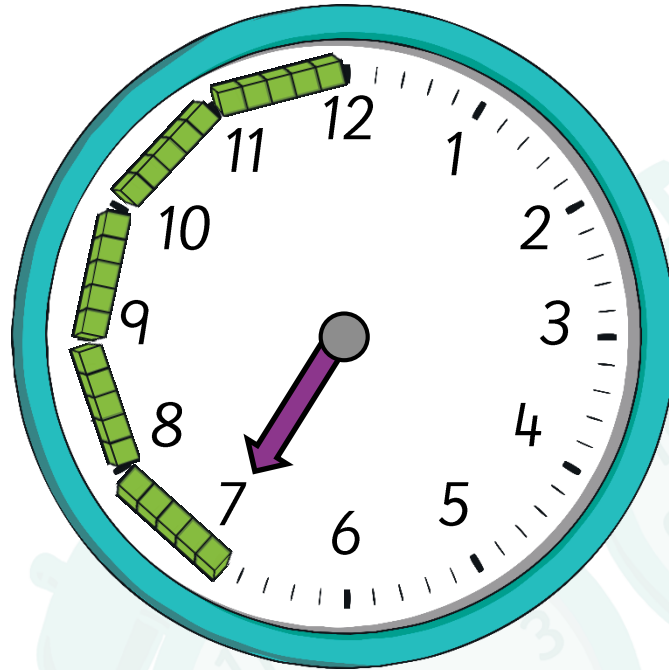
How long will it take the **minute hand** to turn from 7 to 12 (o'clock)?

25 minutes.

When the **minute hand** points to 7, it is 25 minutes to o'clock.

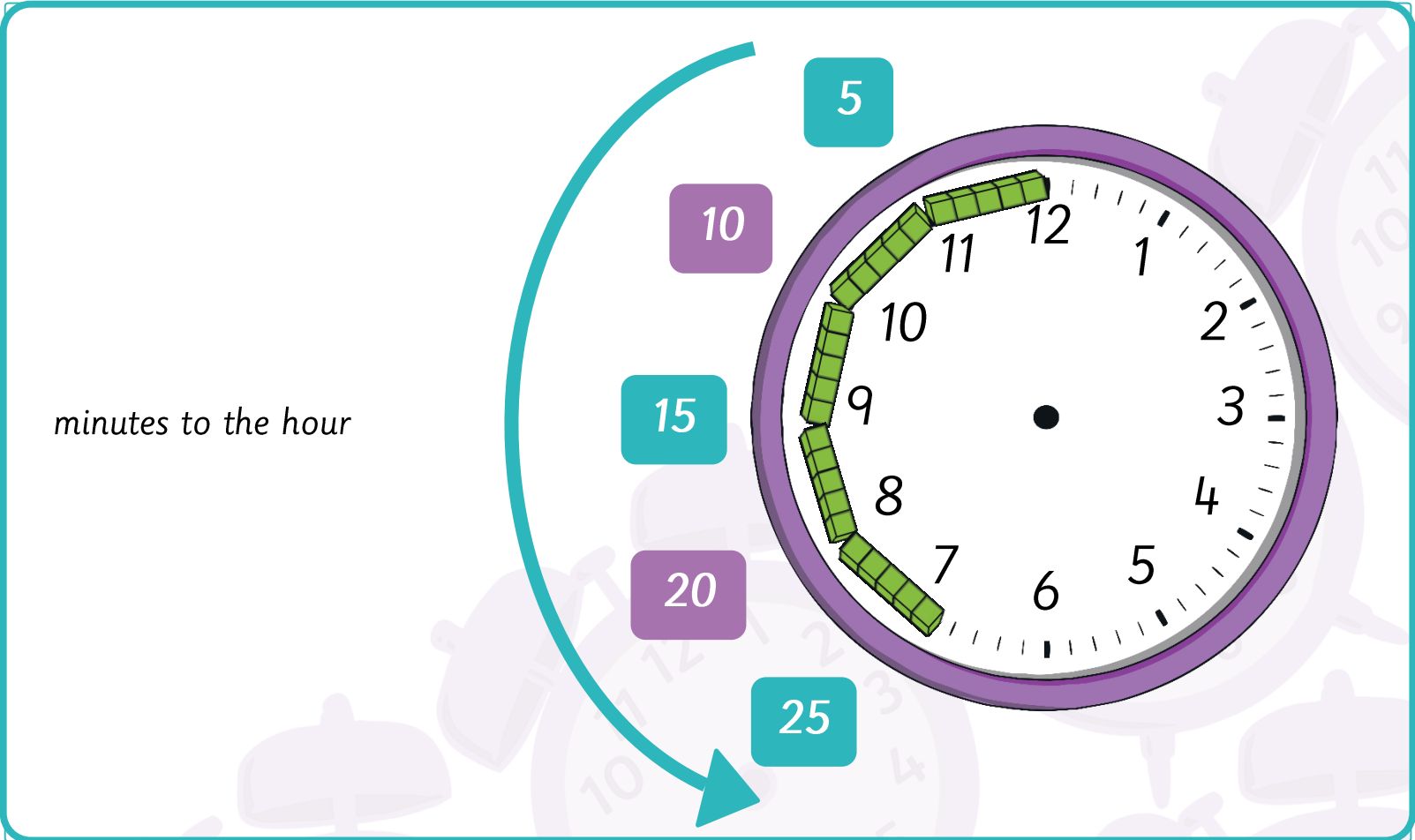
The next hour will begin in 25 minutes.

25 minutes to



LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

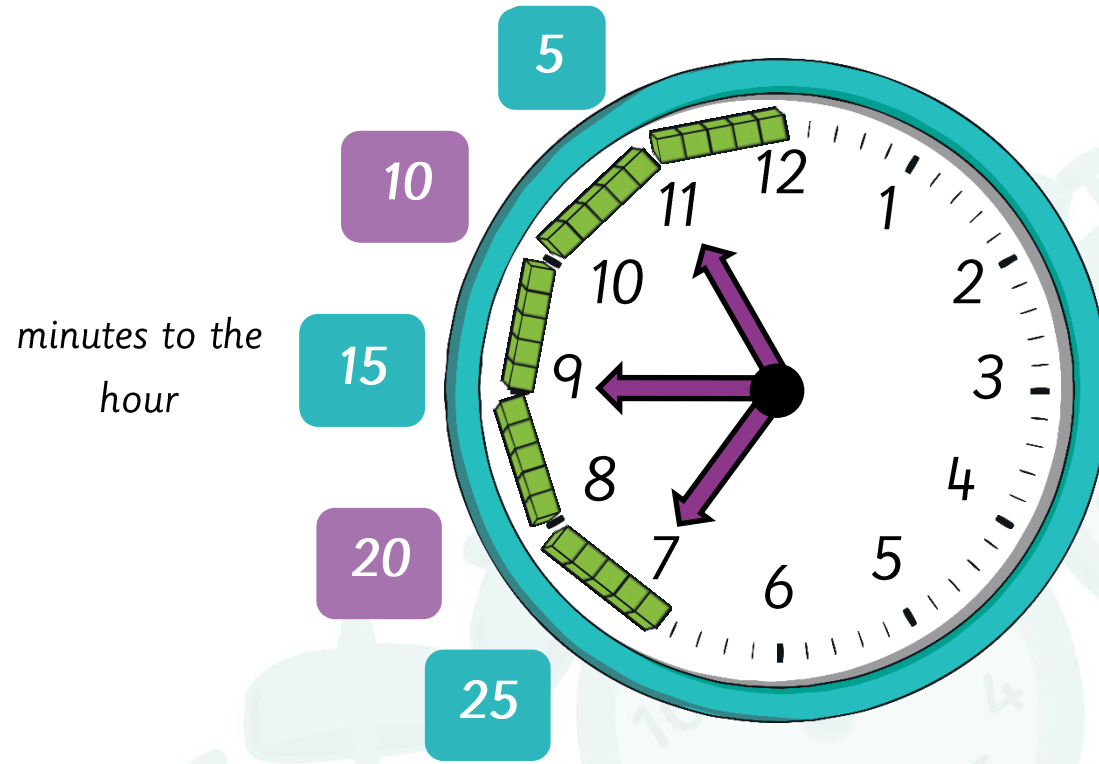
Can you see the steps of 5? Can you describe the direction?
anticlockwise



LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

What is the **minute hand** telling us?

When the **minute hand** points to **9**, it is **25** minutes to the hour.

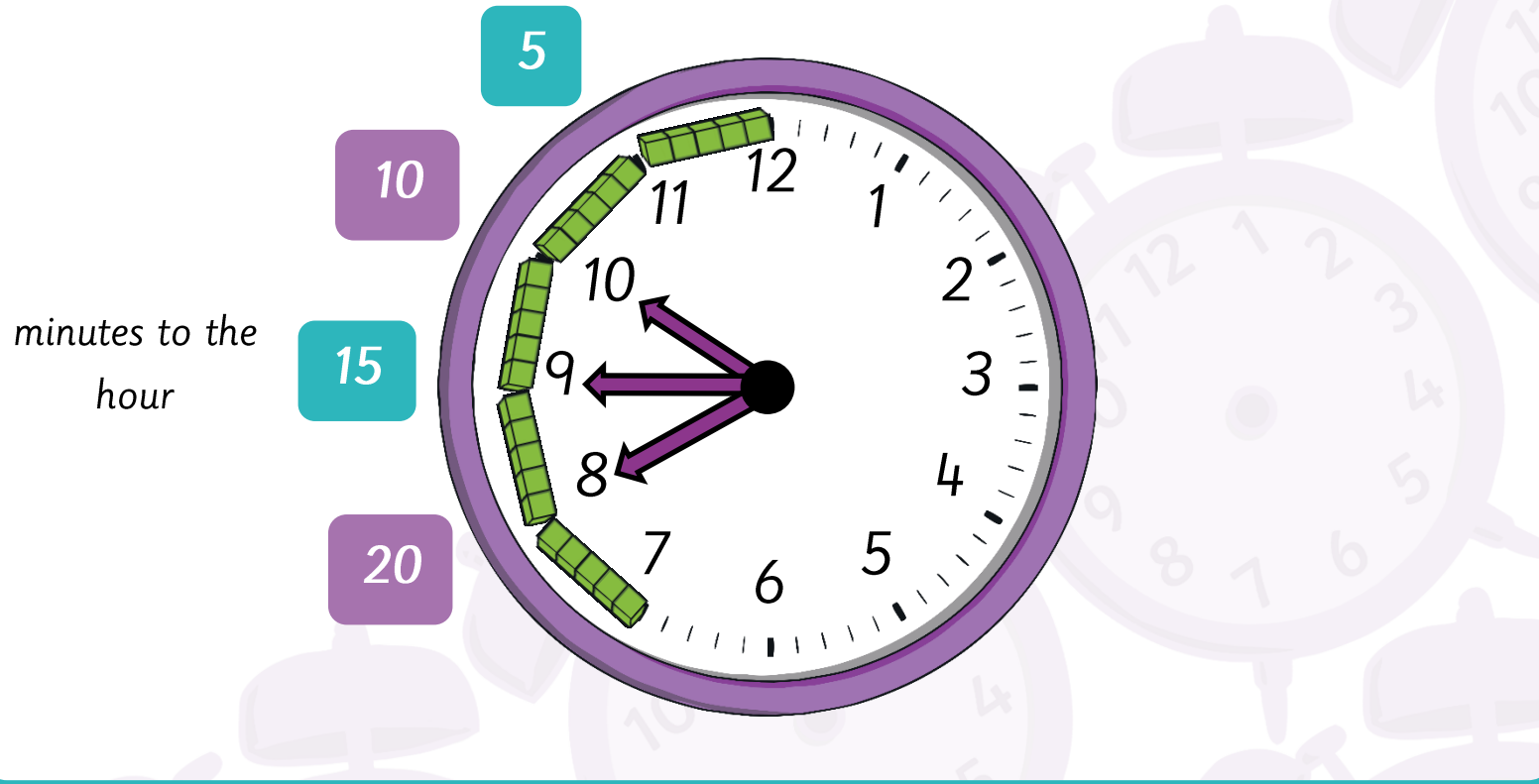


02.05.2024

LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

Use a **minute hand** on a clock and count in steps of 5 to find the answers.

When the **minute hand** points to **10**, it is **20** minutes to the hour.

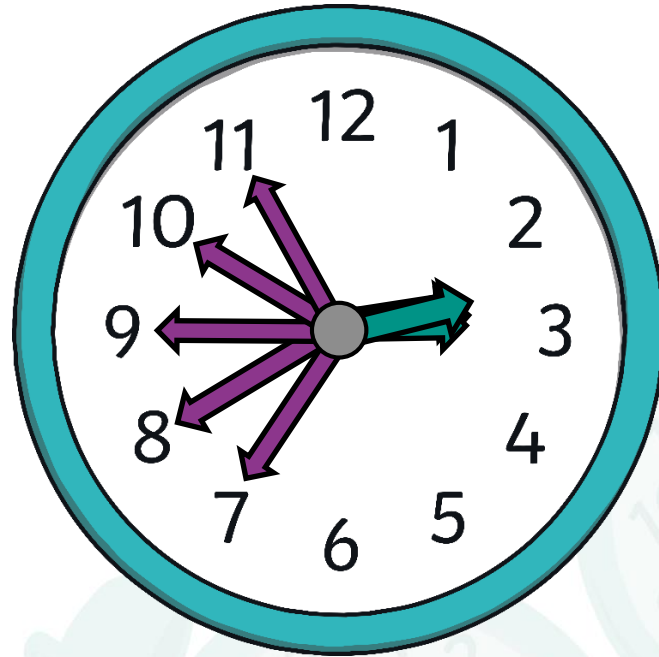


02.05.2024

LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

What happens to the **hour hand** when the **minute hand** moves to the next 5 minute interval?

It turns slightly further towards the next hour.

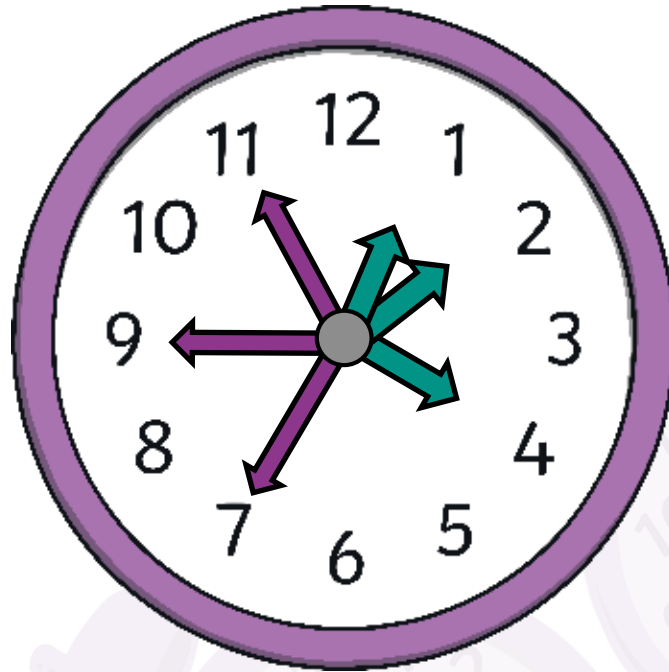


5 minutes to 3

02.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

Read the times shown on the clock.

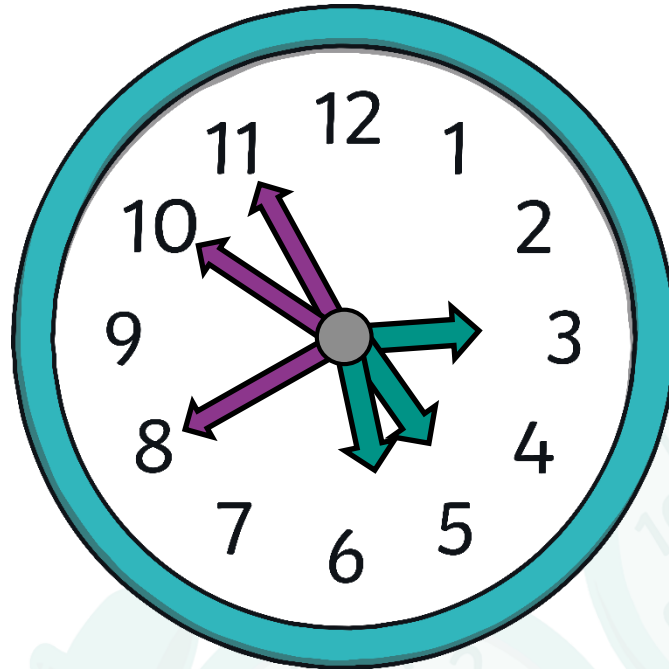


25 minutes to 1

02.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

Use clocks to show these written times.



20 minutes to 6

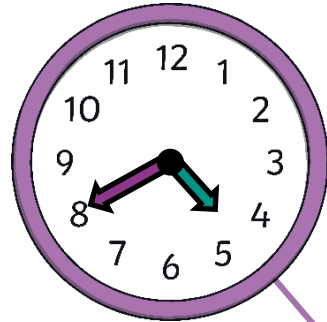
Self Assessment

Do you understand how to tell the time for " at 5 minute intervals to the hour the hour?



LQ: Can I tell the time at 5 minute intervals to the hour on analog clocks?

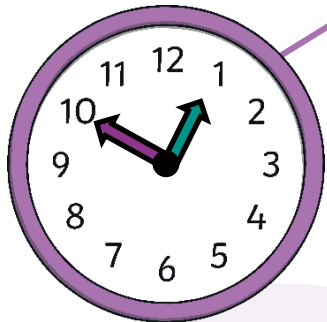
Which label is missing? What should it say?



15 minutes to 4



10 minutes to 1



20 minutes to 5

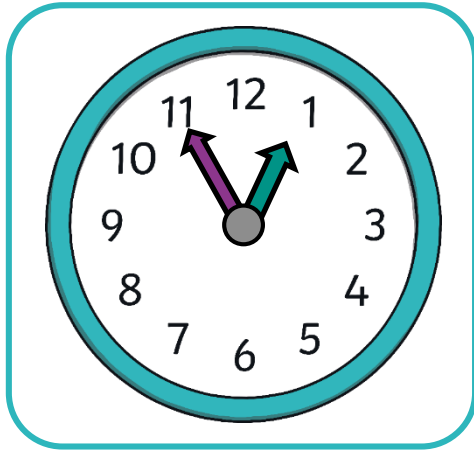


5 minutes to 6

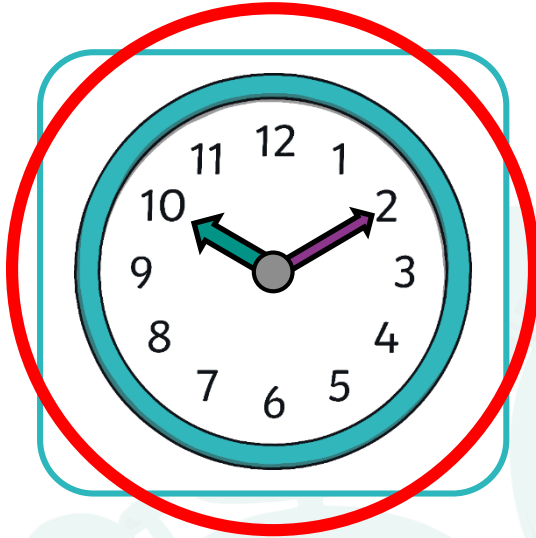
02.05.2024

LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

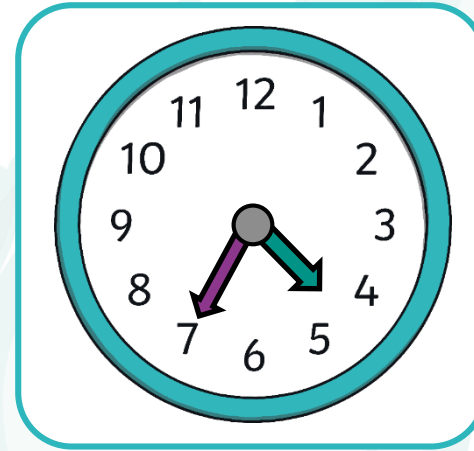
What did you notice? How would you change it?



5 minutes to 1



10 minutes to 2



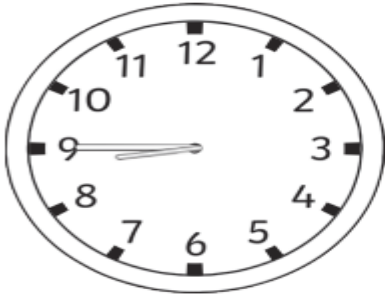
25 minutes to 5

02.05.2024

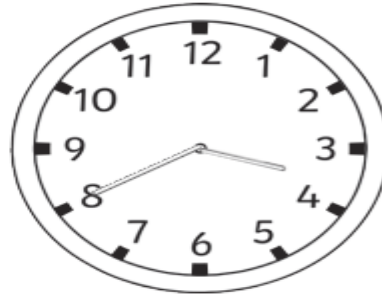
LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

Look at the sheets on the table. Work together with your partner and practice telling the time.

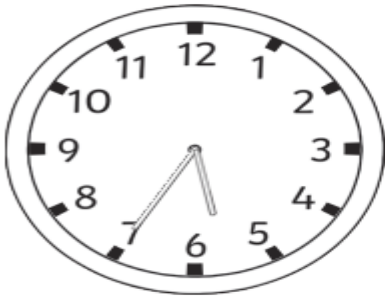
c.



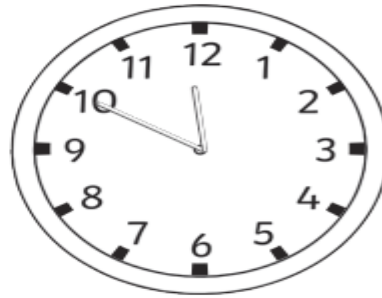
d.



e.



f.



Self Assessment

Do you understand how to tell the time in five minute intervals past the hour ?



3.05.2024

Mental Maths

Use four **different** number cards to complete the number sentences below.



$$\square + \square = 60$$

$$\square + \square = 60$$



03.05.2024

LQ: Can I tell the time at 5 minute intervals to the hour?

Steps to Success

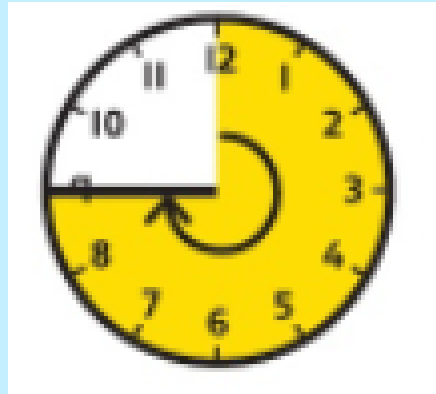
- *I can use the minute hand to read and show 5 minute intervals to the hour.*
- *I can use the hour hand to read and show the next hour.*
- *I can solve time challenges involving 5 minute intervals to the hour.*



 **STAR WORDS** 



time past



duration



start end



minute hand

hour hand



Quarter past

03.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

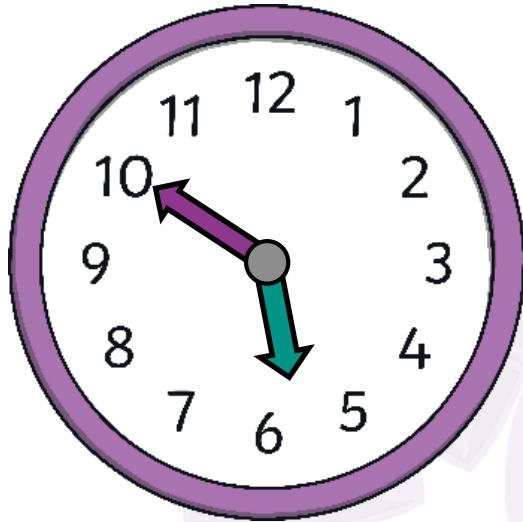
Read the time on the clock.

What time will it be 5 minutes later?

5 minutes to 6.

What can you do to find out?

Move the **minute hand** clockwise to the next number.



Remember:

When the **minute hand** moves clockwise by 5 minutes, the hour hand will move slightly closer to the next hour.

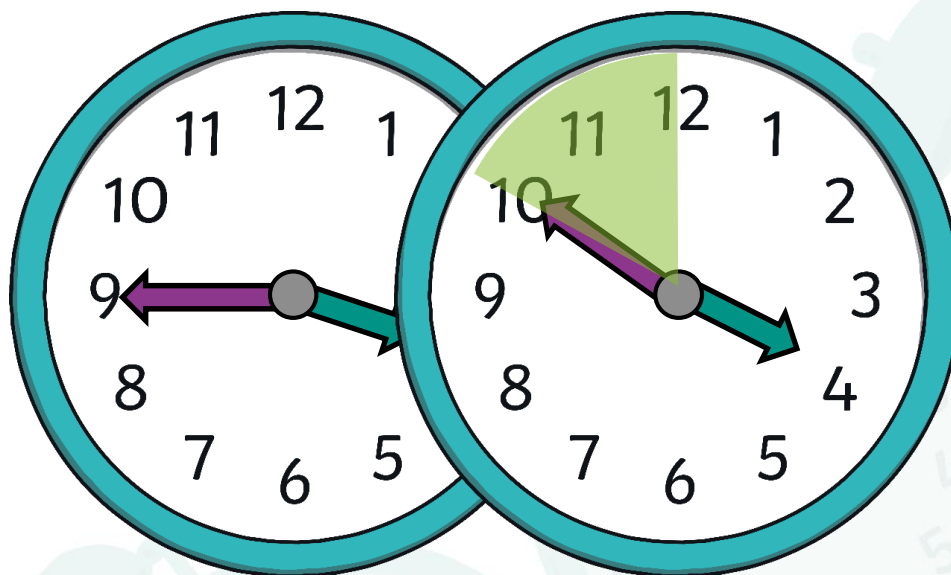
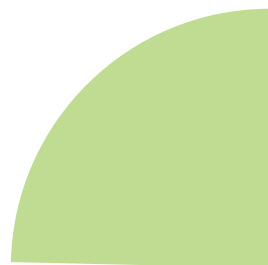
03.05.2024

LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

What do you notice about how the times change?

The number of 'minutes to' is getting smaller.

There are fewer minutes to wait until the next hour.



15 minutes to 4

10 minutes to 4

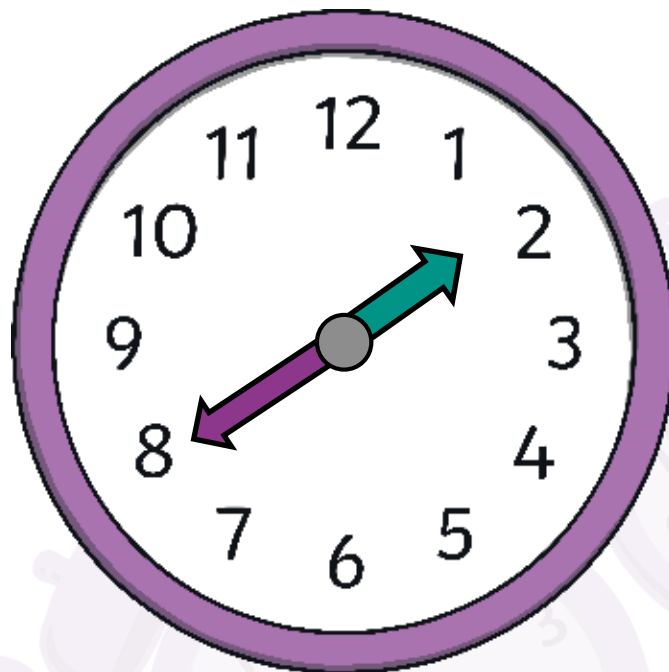
03.05.2024

LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

Read the time on the clock.

What time will it be 5 minutes later?

15 minutes to 2.



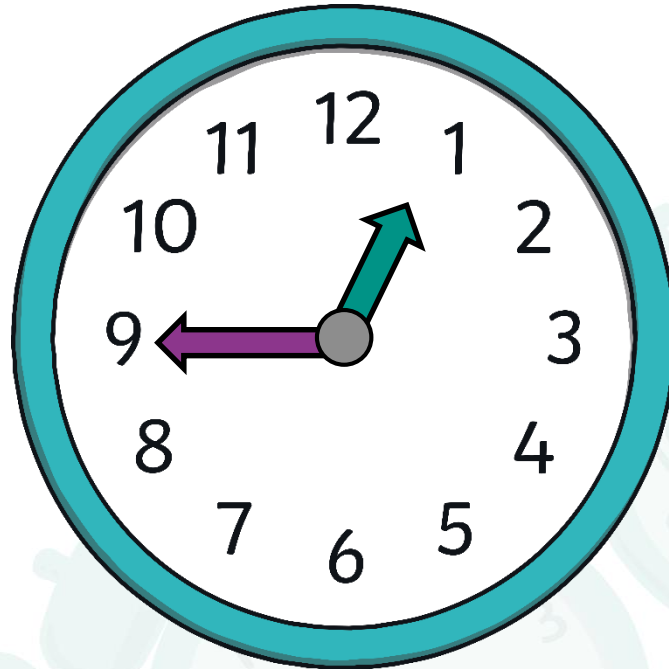
03.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

Show 15 minutes to 1 on your clock.

What time will it be 5 minutes later?

10 minutes to 1.



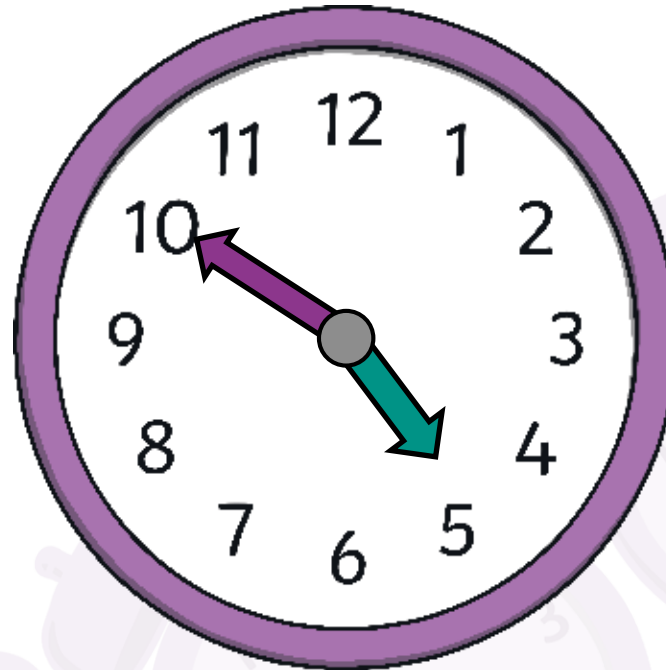
03.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

Show 10 minutes to 5 on your clock.

What time will it be 5 minutes later?

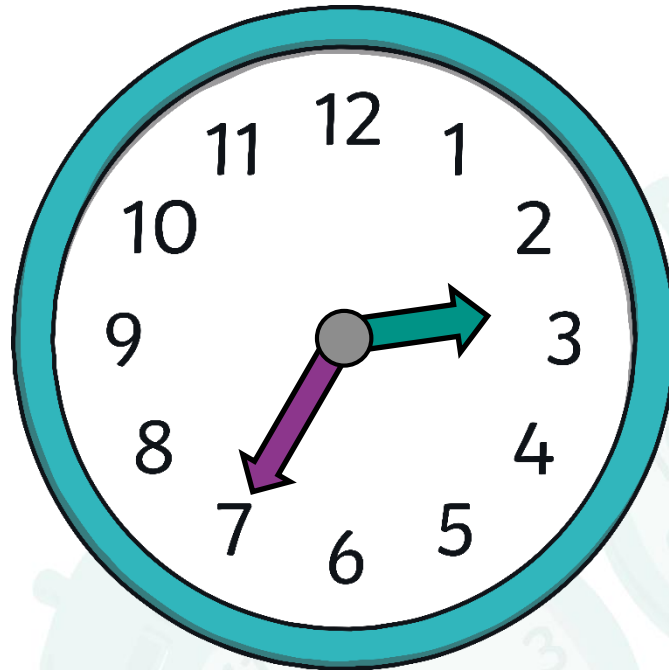
5 minutes to 5.



03.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

*Did you find anything confusing with this challenge?
Do you have any advice that could help your classmates?*



03.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

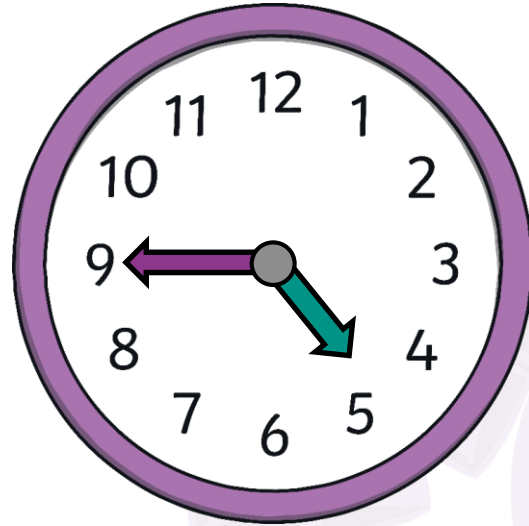
Read the time on the clock.

What time was it 5 minutes earlier?

20 minutes to 5.

What can you do to find out?

Move the **minute hand** anti-clockwise to the last number.



Remember:

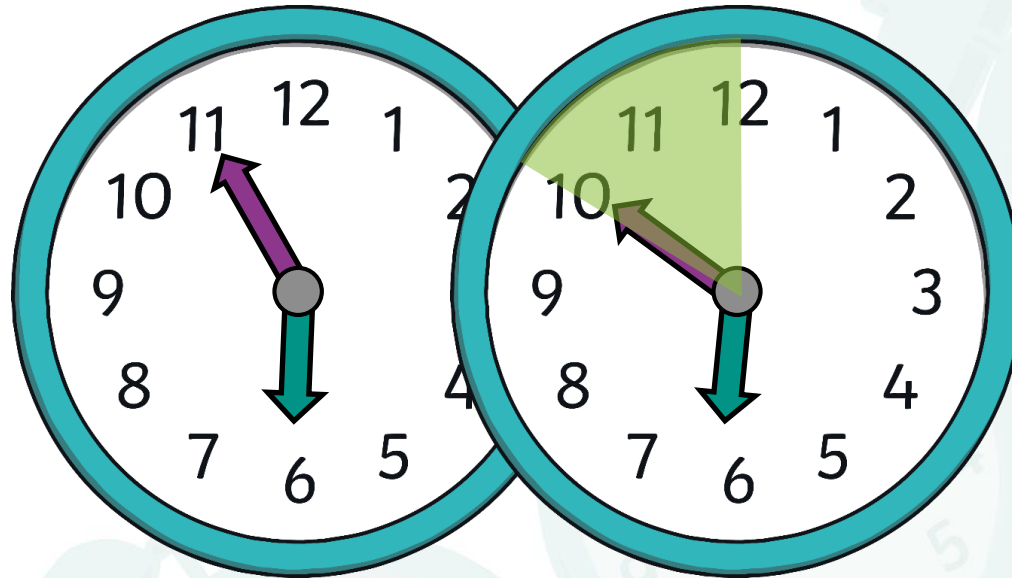
When the **minute hand** moves anti-clockwise by 5 minutes, the **hour hand** will move slightly further from the next hour.

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

What do you notice?

The number of 'minutes to' is greater.

There are more minutes to wait until the next hour.



5 minutes to 6

10 minutes to 6

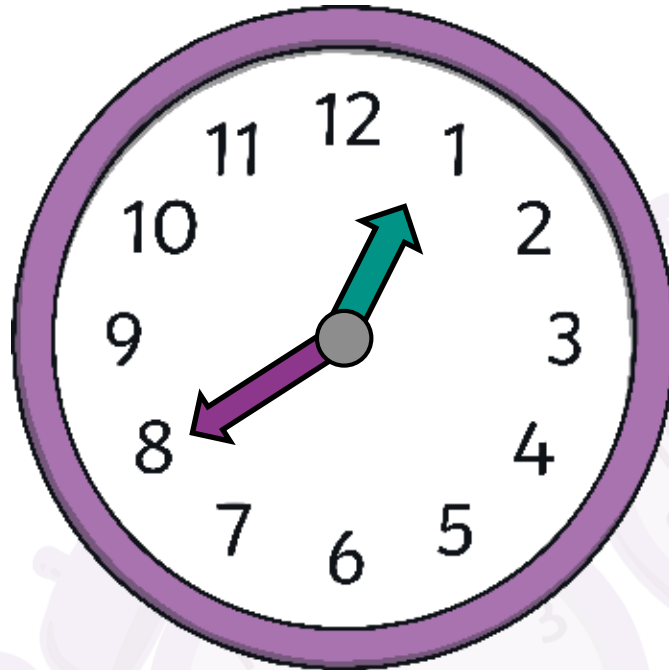
03.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

Read the time on the clock.

What time was it 5 minutes earlier?

25 minutes to 1.



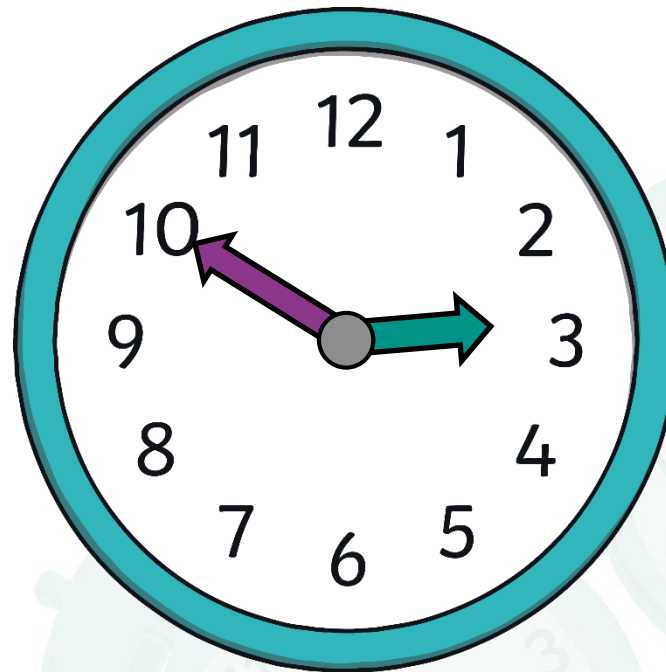
03.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

Show 10 minutes to 3 on your clock.

What time was it 5 minutes earlier?

15 minutes to 3.



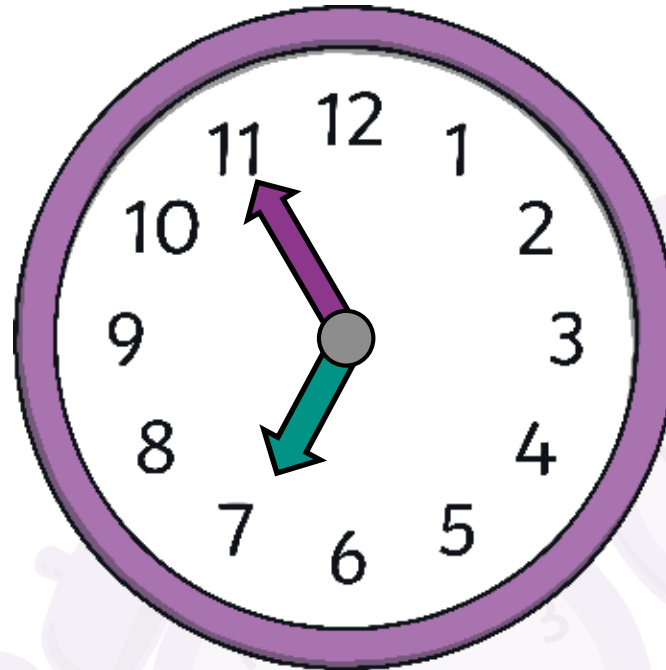
03.05.2024

LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

Show 5 minutes to 7 on your clock.

What time was it 5 minutes earlier?

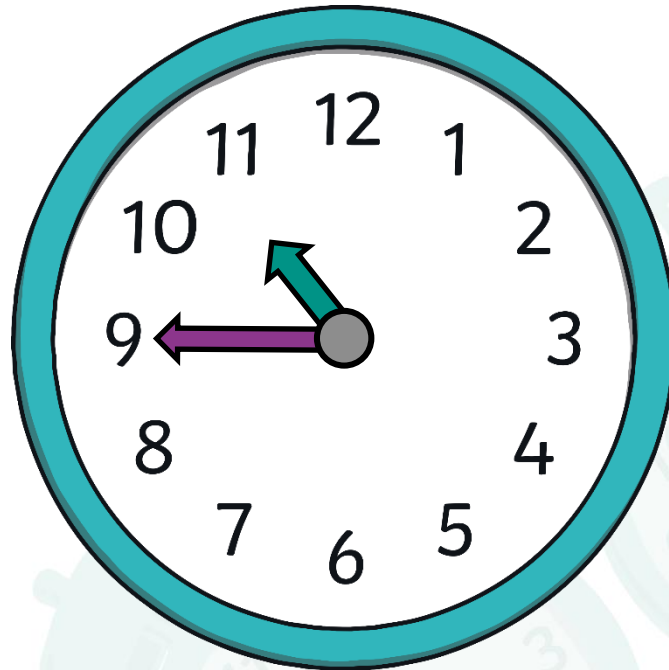
10 minutes to 7.



03.05.2024

LQ: *Can I tell the time at 5 minute intervals to the hour on analog clocks?*

*Did you find anything confusing with this challenge?
Do you have any advice that could help your classmates?*

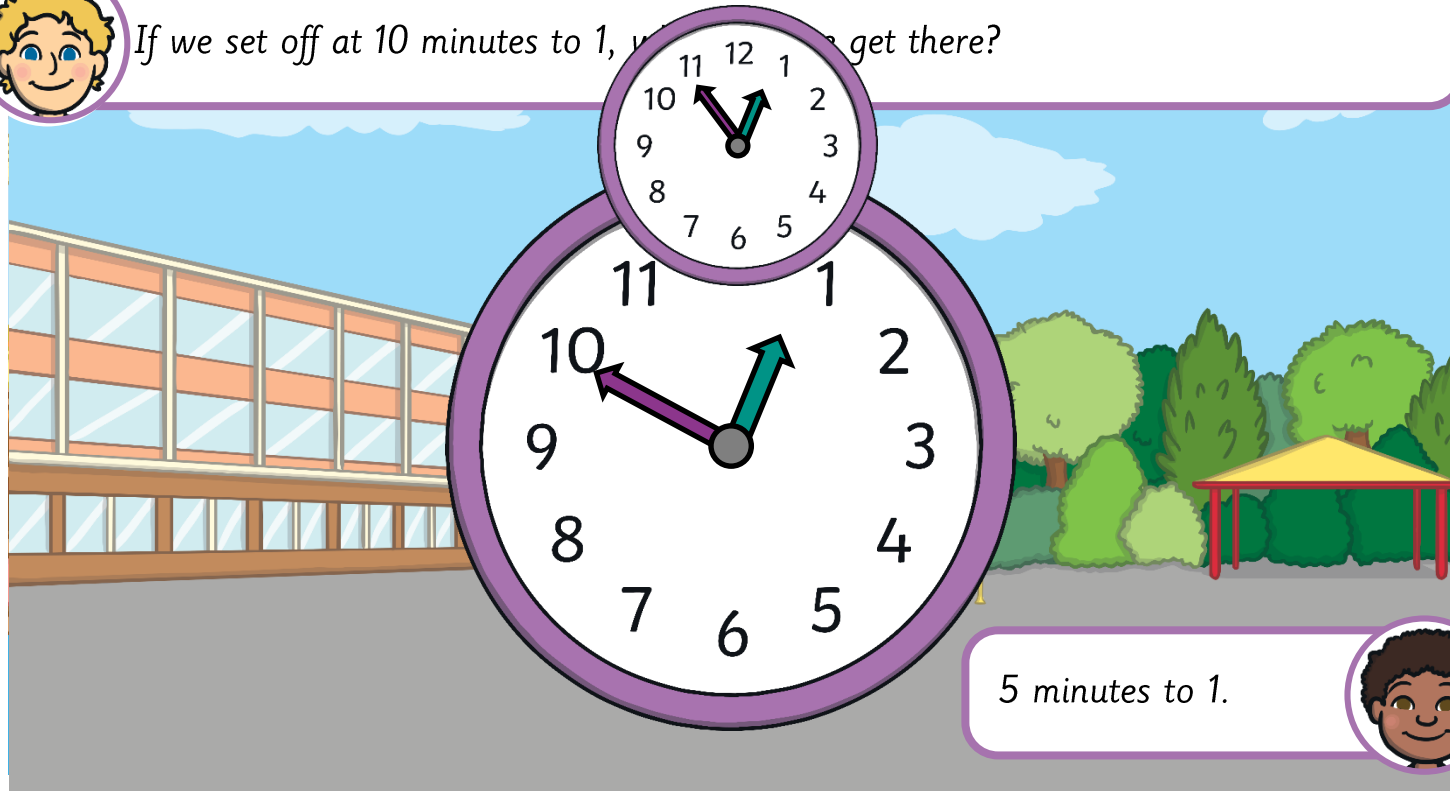


LQ: **Can I** tell the time at 5 minute intervals to the hour on analog clocks?

It takes 5 minutes to walk from the playground to the classroom.
Use clocks to find and show your answer.



If we set off at 10 minutes to 1, will we get there?



5 minutes to 1.



It takes 5 minutes to walk to the hall from the classroom.
Use clocks to find and show your answer.



We need to get to the hall 5 minutes to 12. When should we set off?



10 minutes to 12.



23.04.2024

LQ: Can I tell the time at quarter past the hour?



Today we are going to practice showing quarter past.

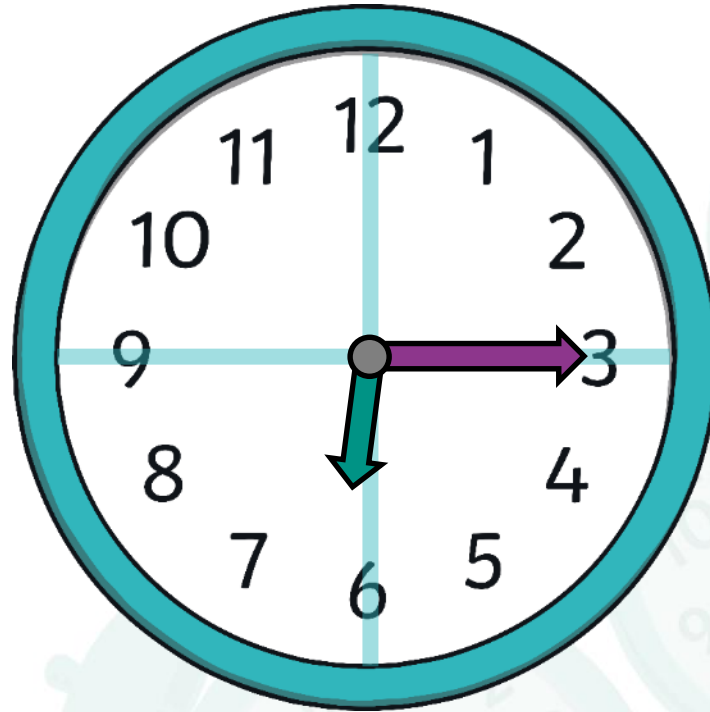
Self Assessment

Do you understand how to tell the time for 'quarter past' the hour?



LQ: Can I tell the time at quarter past the hour?

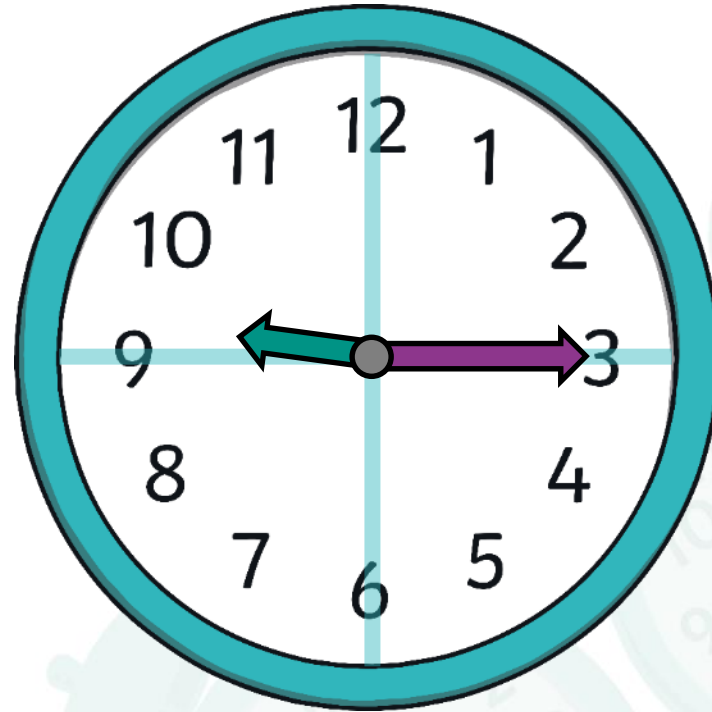
Check the position of the hour hand and then the minute hand to read the time.



quarter past 6

LQ: Can I tell the time at quarter past the hour?

Check the position of the hour hand and then the minute hand to read the time.

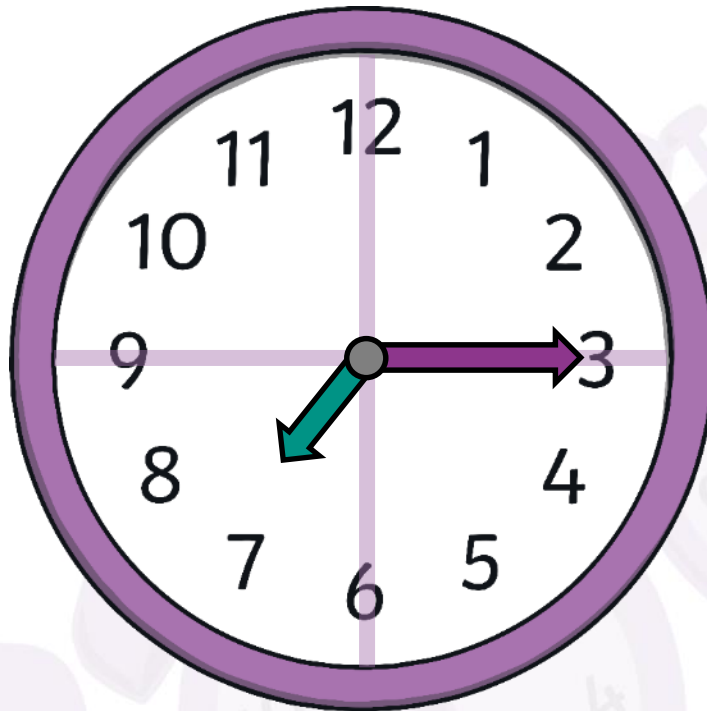


quarter past 9

LQ: Can I tell the time at quarter past the hour?

Show the time with the hour hand and then the minute hand.

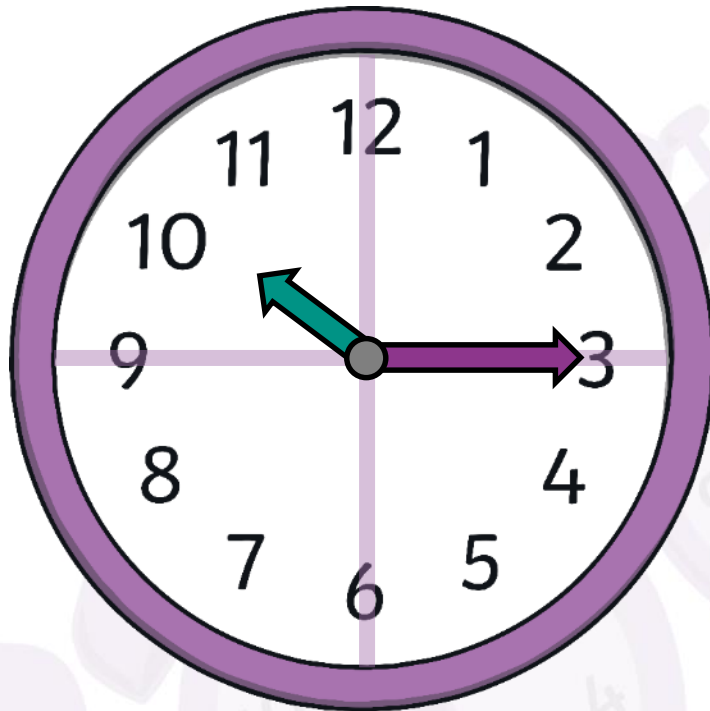
quarter past 7



LQ: Can I tell the time at quarter past the hour?

Show the time with the hour hand and then the minute hand.

quarter past 10



23.04.2024

LQ: Can I tell the time at quarter past the hour?

*I am going to call out lots of 'quarter past' times.
These are going to be in quarters.
You are going to make those times on your clocks.*



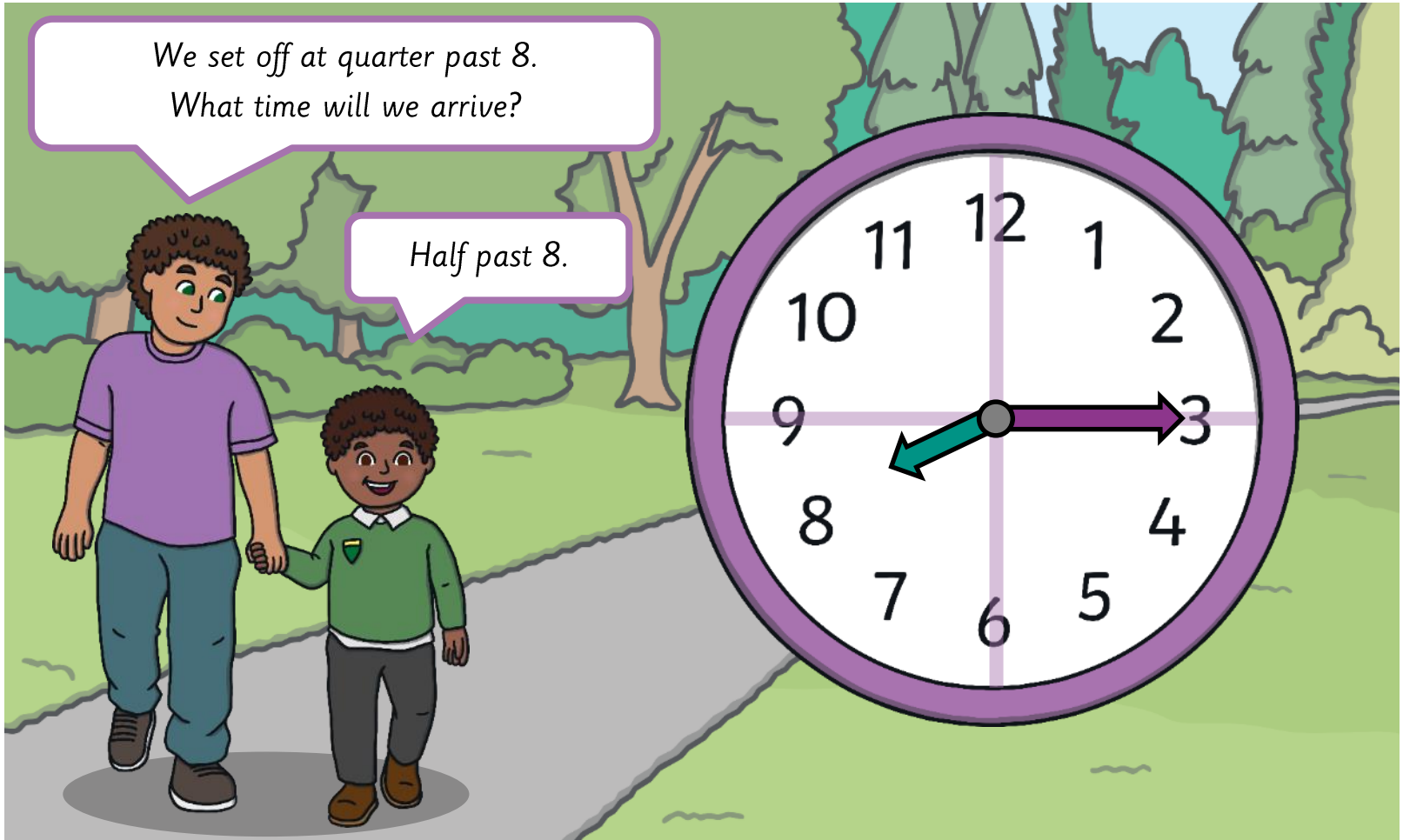
Self Assessment

*Do you understand how to tell the time
in quarters?*



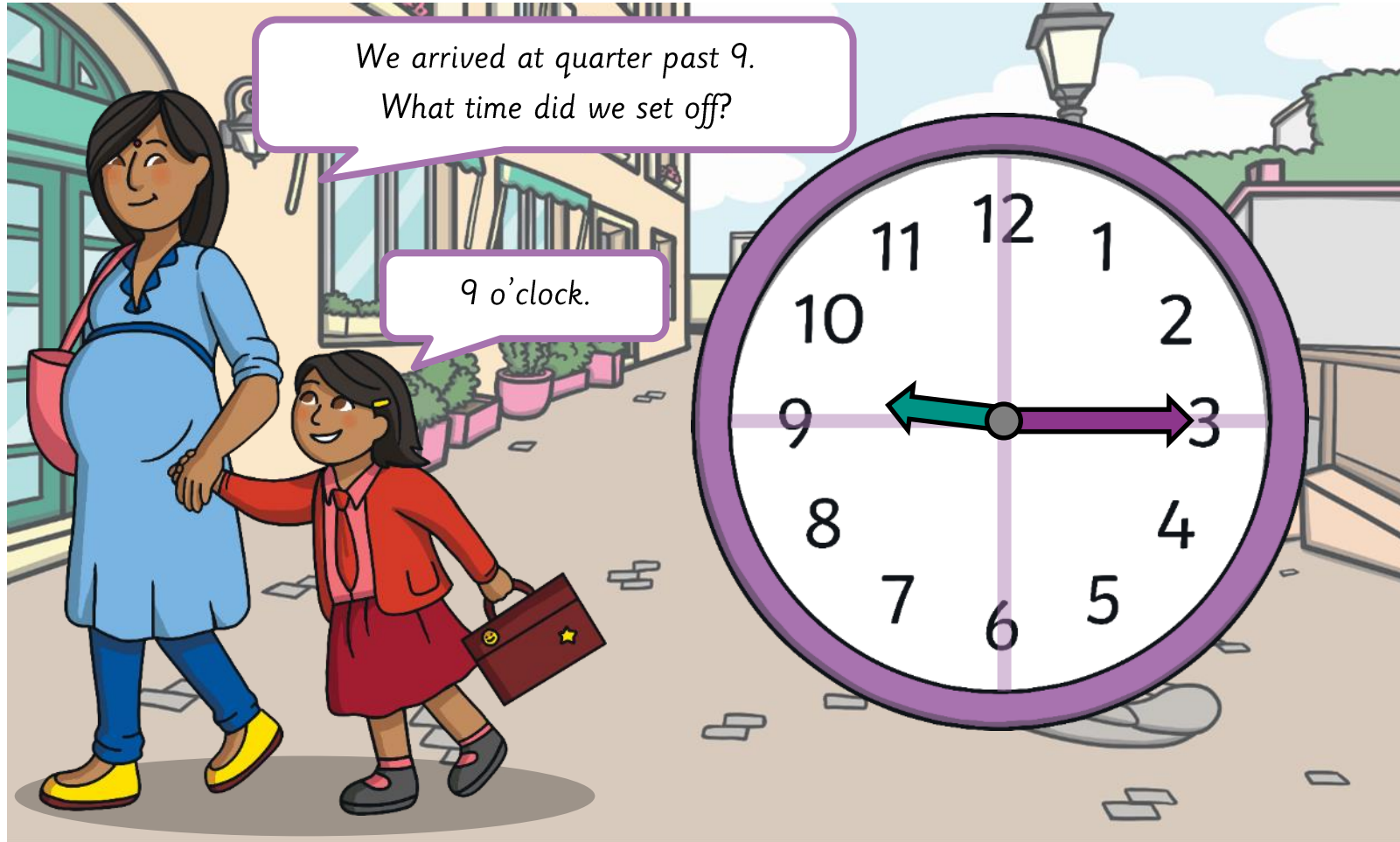
LQ: Can I tell the time at quarter past the hour?

It takes a quarter of an hour to walk to school.



LQ: Can I tell the time at quarter past the hour?

It takes a quarter of an hour to walk to school.

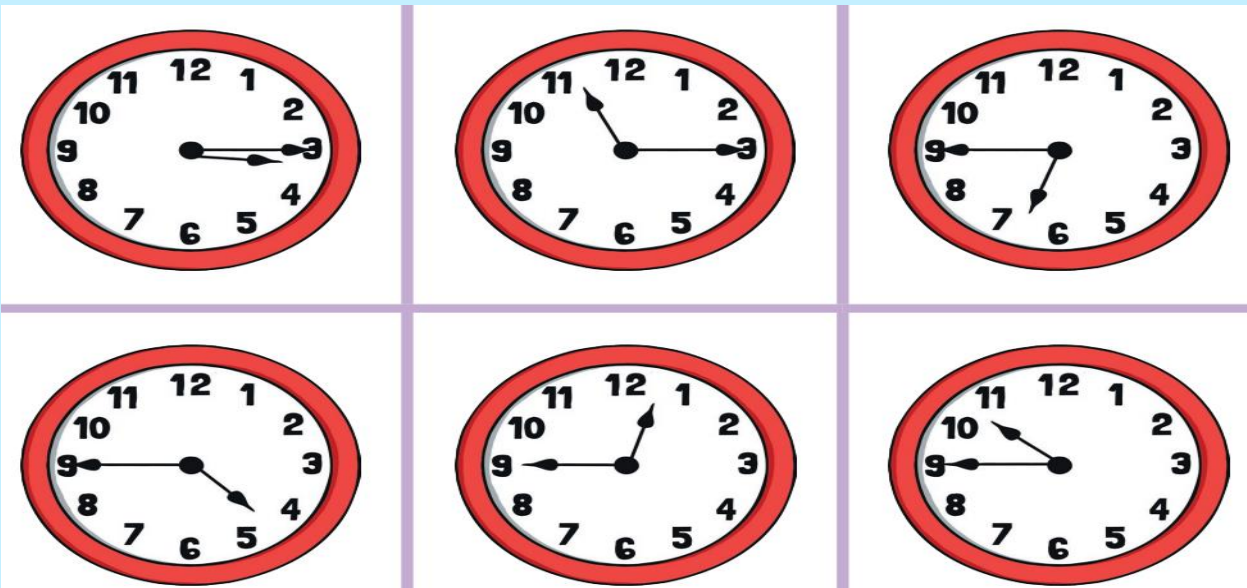


23.04.2024

LQ: Can I tell the time at quarter past the hour?

Look at the sheets on the table. Work together with your partner and practice telling the time.

Next Step: Look at the word problem sheets and try to solve them with your partner.



Self Assessment

Do you understand what to do?



24.04.2024



24.04.2024

LQ: Can I tell the time at quarter past the hour?



Steps to Success

I know the time is read 'past the hour' and 'to the hour'.

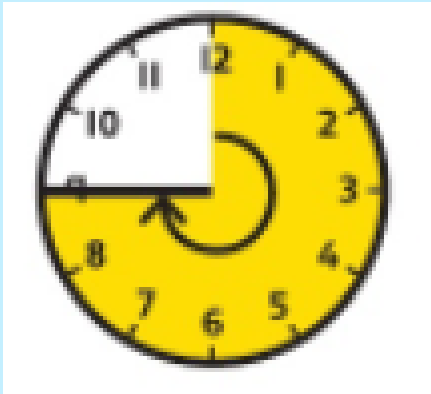
I can use the hour and minute hand to read and show quarter past.

I can solve word problems related to the time.

 **STAR WORDS** 



time past



duration



start end



minute hand

hour hand



Quarter past

24.04.2024

LQ: Can I tell the time at quarter past the hour?

Recap

1 minute = 60 seconds

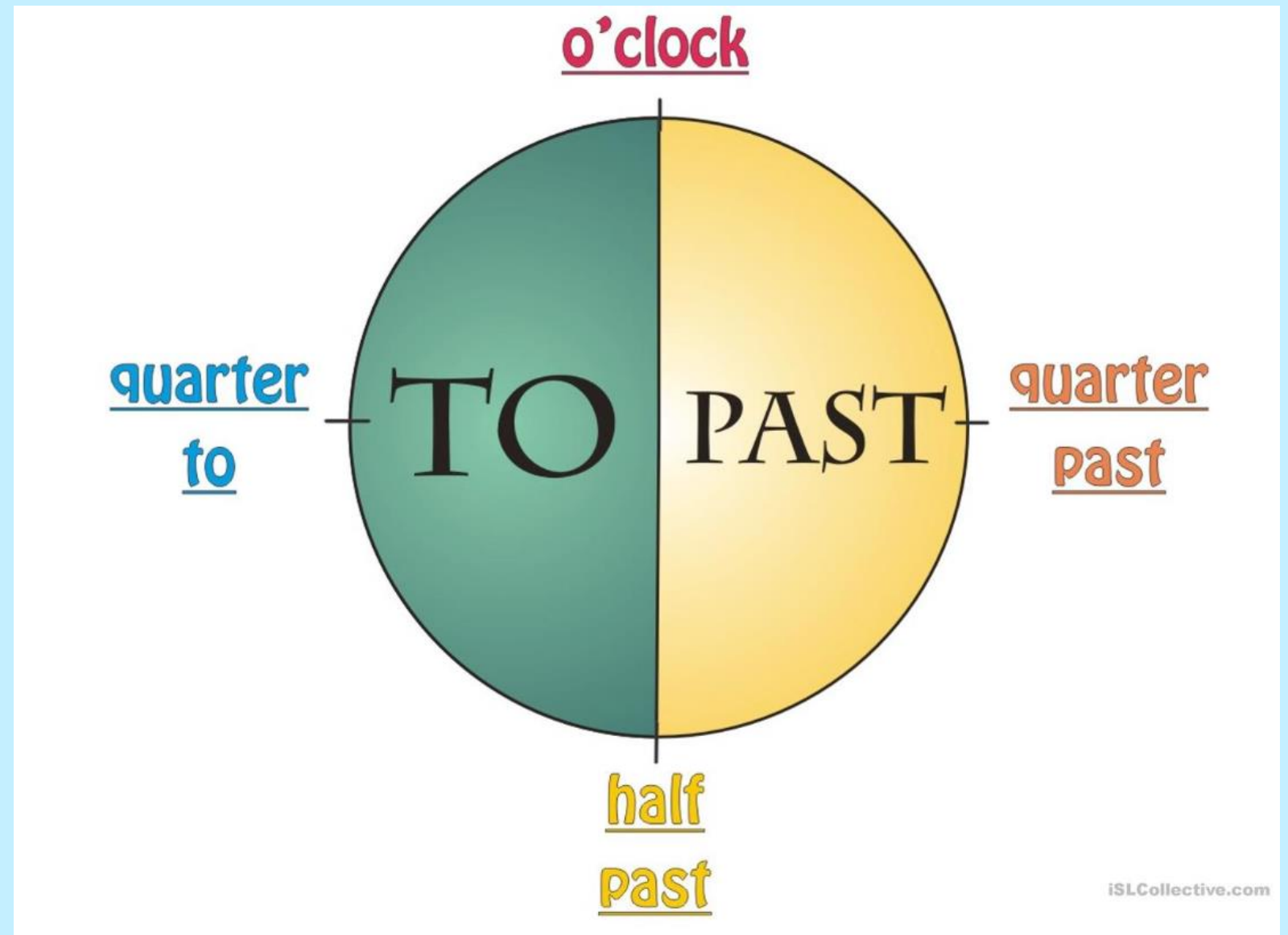
1 hour = 60 minutes

1 day = 24 hours

Half a day = 12 hours

1 week = 7 days

TPs - What can you remember about the times: o'clock, half past?

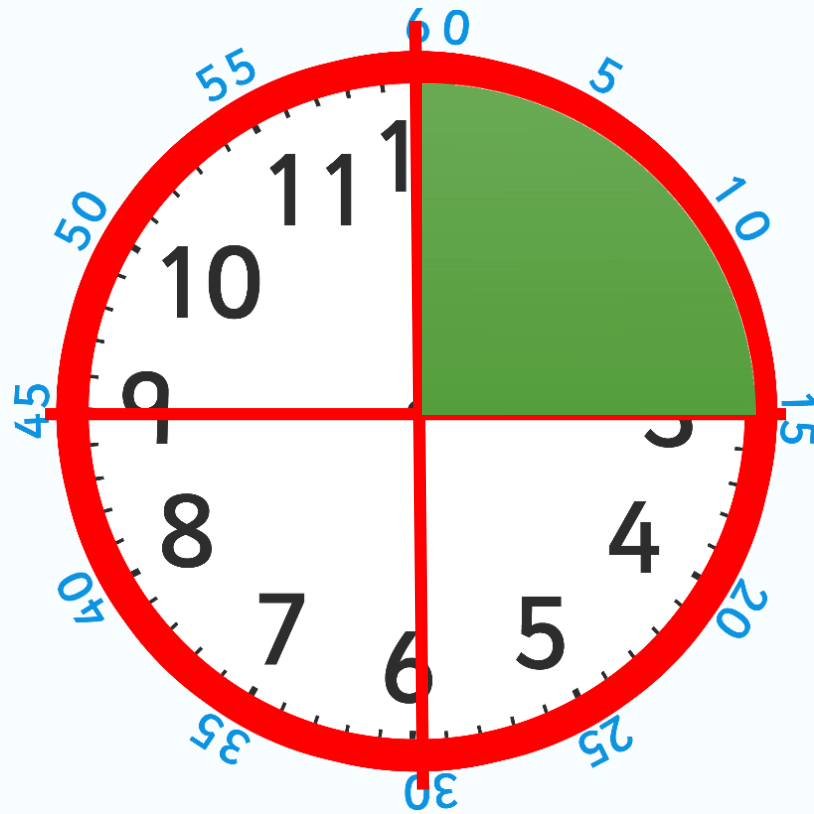


24.04.2024

LQ: Can I tell the time at quarter past the hour?

A clock face is a full circle which is made up of 4 quarters.

Let's recap:



How many minutes make up quarter of an hour?

24.04.2024

LQ: Can I tell the time at quarter past the hour?

There are 15 minutes in quarter of an hour.



24.04.2024

LQ: Can I tell the time at quarter past the hour?

When we tell the time we either say it is 'past' or 'to' the hour.



24.04.2024

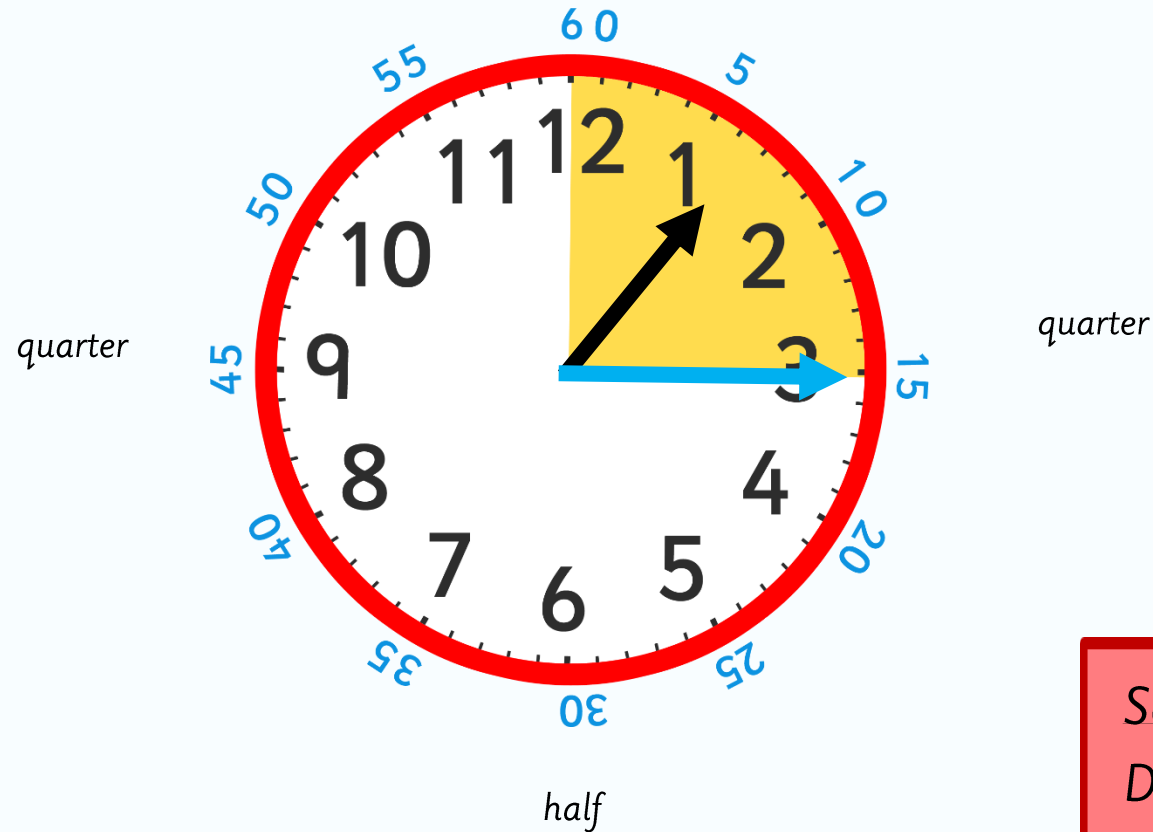
LQ: Can I tell the time at quarter past the hour?

Look at this time.

The big hand is pointing at 3, which is the first quarter.

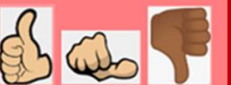
Where is the small hand pointing? Is it on the number?

It's actually a quarter of the way between 1 and 2.



Self Assessment

Do you understand how to tell the time in quarters?



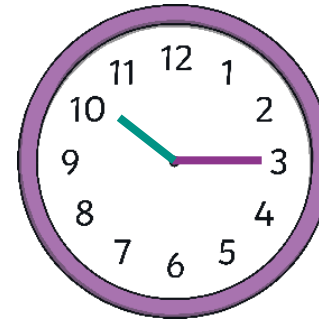
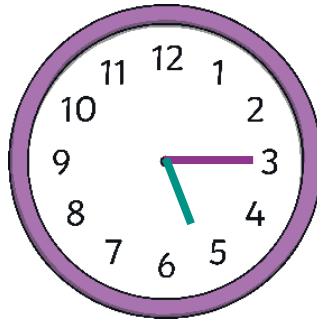
24.04.2024

LQ: Can I tell the time at quarter past the hour?

What is the same about these clocks?

What's different?

They all show quarter past an hour.



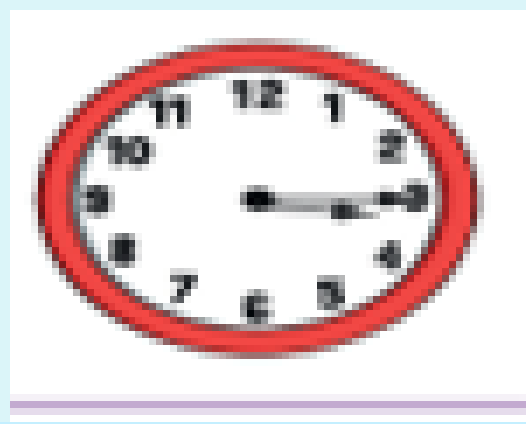
The minute hand points to 3.

The hour hand points just after different numbers.

24.04.2024

LQ: Can I tell the time at quarter past the hour?

*I am going to call out lots of 'quarter past' times.
These are going to be in quarters.
You are going to make those times on your clocks.*



Self Assessment

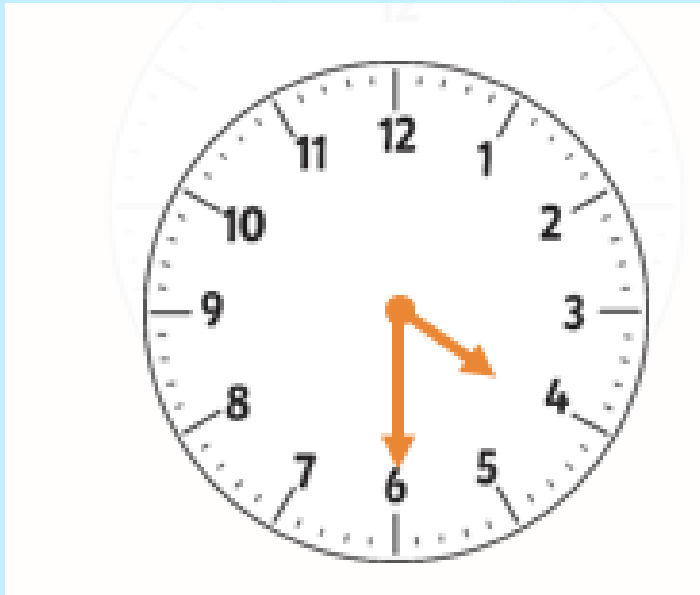
*Do you understand how to tell the time
in quarters?*



24.04.2024

LQ: *Can I tell the time at quarter past the hour?*

TP: *The plane leaves at 4:30 in the afternoon. The flight takes 4 hours. What time does the flight arrive?*



24.04.2024

LQ: *Can I tell the time at quarter past the hour?*

The train to Glasgow leaves at quarter past 2.

The train journey takes 3 hours.


What time does the train arrive in Glasgow?






LQ: Can I tell the time at quarter past the hour?




Complete the tasks in your books.

★ Clock, o'clock, half past, quarter past, quarter to, hour, minute ★

<p>1. Draw the hands on the clocks to show the quarter past</p>	<p>2. These clocks show the same time. Do you agree? Why? <i>I agree because ...</i> <i>I disagree because ...</i></p> <div style="text-align: center;"></div>	<p>3. Music starts at quarter past 1. It ends at quarter to 2. Art starts at half past 2 and ends at 3. <i>Which is longer?</i> <i>Use the clocks to check the duration.</i></p>
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Self Assessment
Do you understand what to do?



25.04.2024



LQ: Can I tell the time at quarter to the hour?

Steps to Success

I know the time is read 'past the hour' and 'to the hour'.

I can use the hour and minute hand to read and show quarter to.

I can solve word problems related to the time.



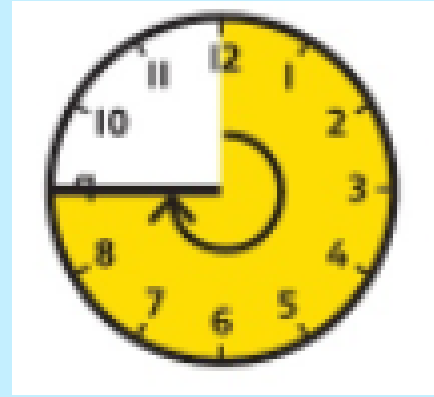
STAR WORDS



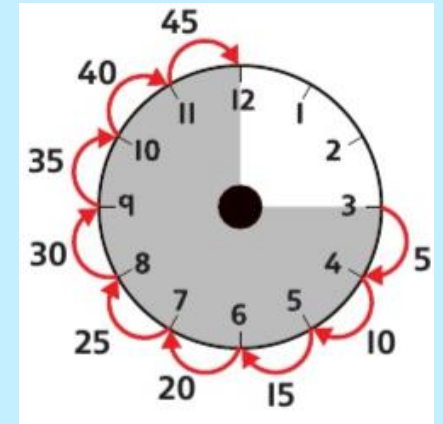
start end



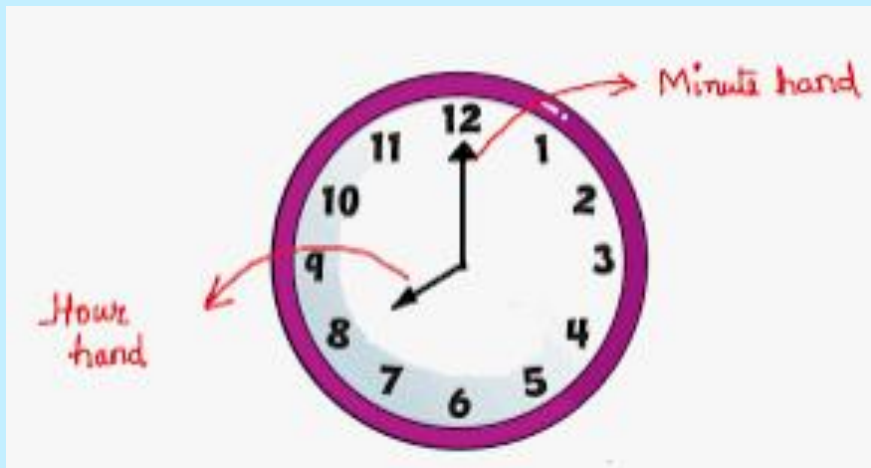
time past



duration



5 minute intervals



minute hand

hour hand

25.04.2024

LQ: *Can I tell the time at quarter to the hour?*

Let's recap:

- *How many seconds are there in a minute?*
- *How many minutes are there in an hour?*

How many minutes are there in quarter of an hour?

- *How many minutes are there in half an hour?*
- *How many days are there in a month?*
- *How many days are there in a year??*

25.04.2024

LQ: Can I tell the time at quarter to the hour?

What time is it?

Which clock is showing quarter past?
Which clock is showing half past?
Which clock is showing quarter to?

Clock 1: Shows 12:30. The hour hand is between 12 and 1, and the minute hand is at 6. The area from 12 to 6 is shaded green. Labels: Quarter, Half.

Clock 2: Shows 9:15. The hour hand is between 9 and 10, and the minute hand is at 3. The area from 9 to 12 is shaded green. Labels: Quarter, Half.

Clock 3: Shows 3:15. The hour hand is between 3 and 4, and the minute hand is at 3. The area from 12 to 3 is shaded green. Labels: Quarter, Half.

A quarter of an hour is 15 minutes. At quarter past, it is 15 minutes past the hour. Quarter to is 3 quarters past the hour, which is 45 minutes.

25.04.2024

LQ: Can I tell the time at quarter to the hour?



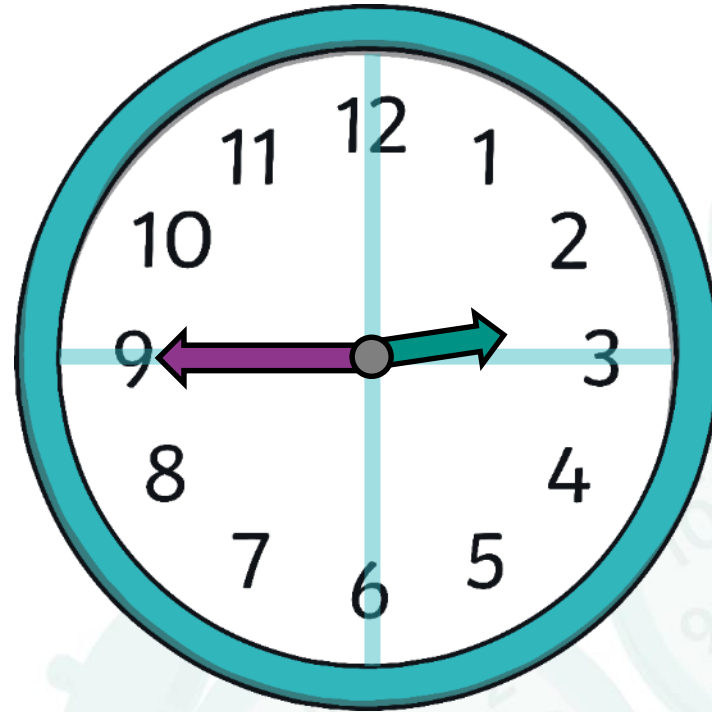
Today we are going to practice showing quarter to the hour.

Self Assessment

Do you understand how to tell the time for 'quarter to the hour?'



Check the position of the hour hand and then the minute hand to read the time.

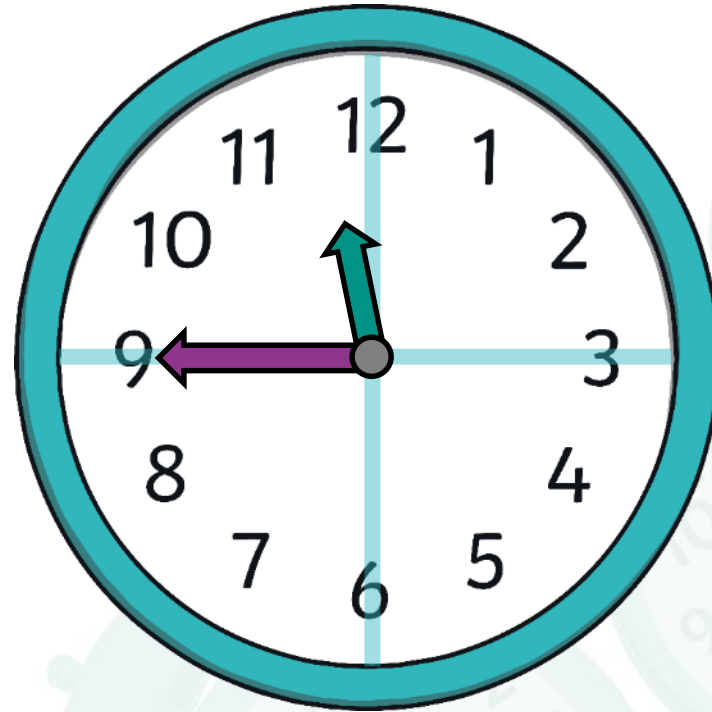


quarter to 3

25.04.2024

LQ: Can I tell the time at quarter to the hour?

Check the position of the hour hand and then the minute hand to read the time.



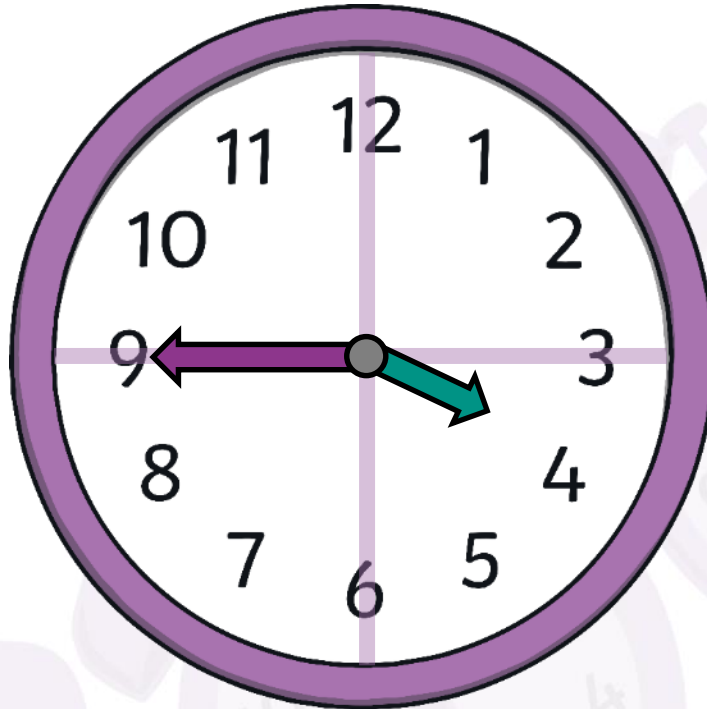
quarter to 12

25.04.2024

LQ: *Can I tell the time at quarter to the hour?*

Show the time with the hour hand and then the minute hand.

quarter to 4

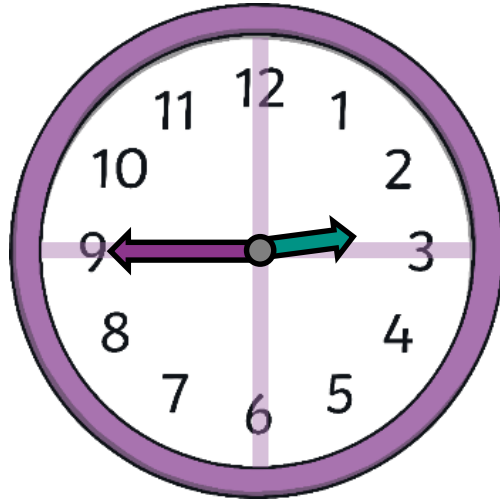


LQ: Can I tell the time at quarter to the hour?

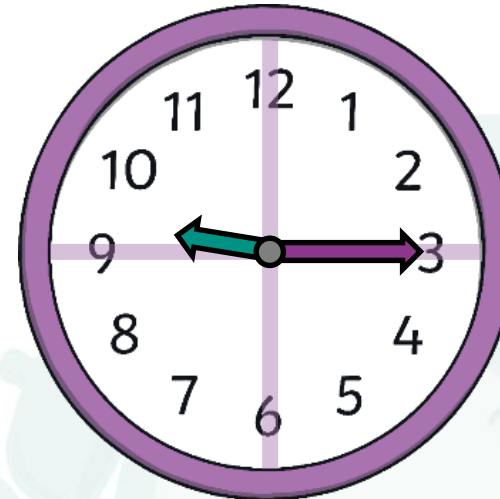


These clocks show the same time.

Do you agree or disagree?
Explain how you know.



The hour hand points just before 3.
The minute hand shows quarter to the hour.
This clock shows **quarter to 3**.

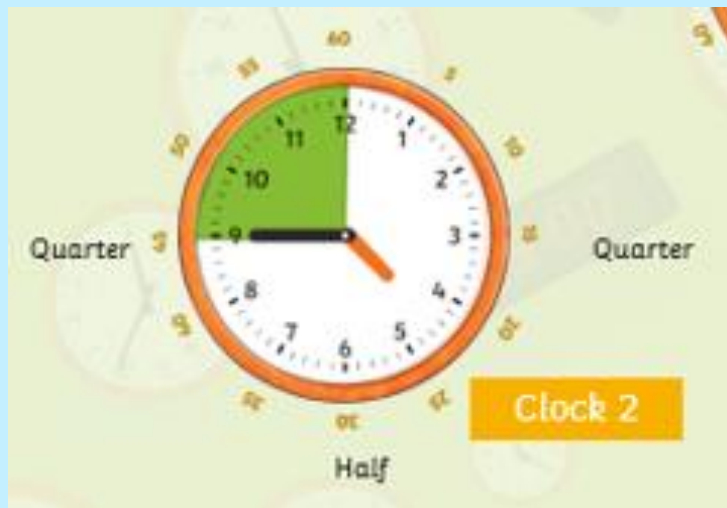


The hour hand points just after 9.
The minute hand shows quarter past the hour.
This clock shows **quarter past 9**.

25.04.2024

LQ: Can I tell the time at quarter to the hour?

*I am going to call out lots of 'quarter to' times.
These are going to be in quarters.
You are going to make those times on your clocks.*



Self Assessment

*Do you understand how to tell the time
in quarters?*



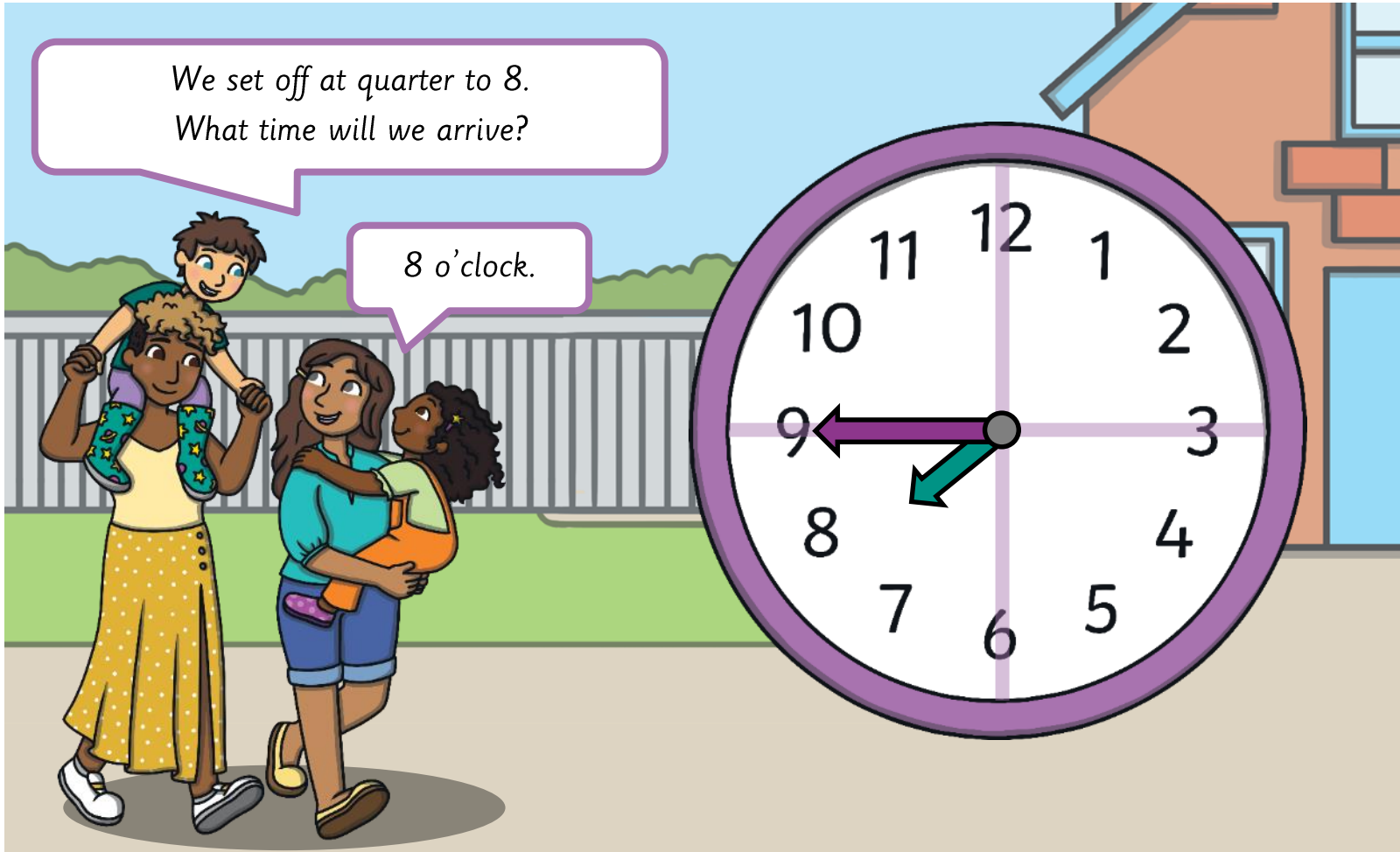
25.04.2024

LQ: Can I tell the time at quarter to the hour?

It takes a quarter of an hour to walk to school.

We set off at quarter to 8.
What time will we arrive?

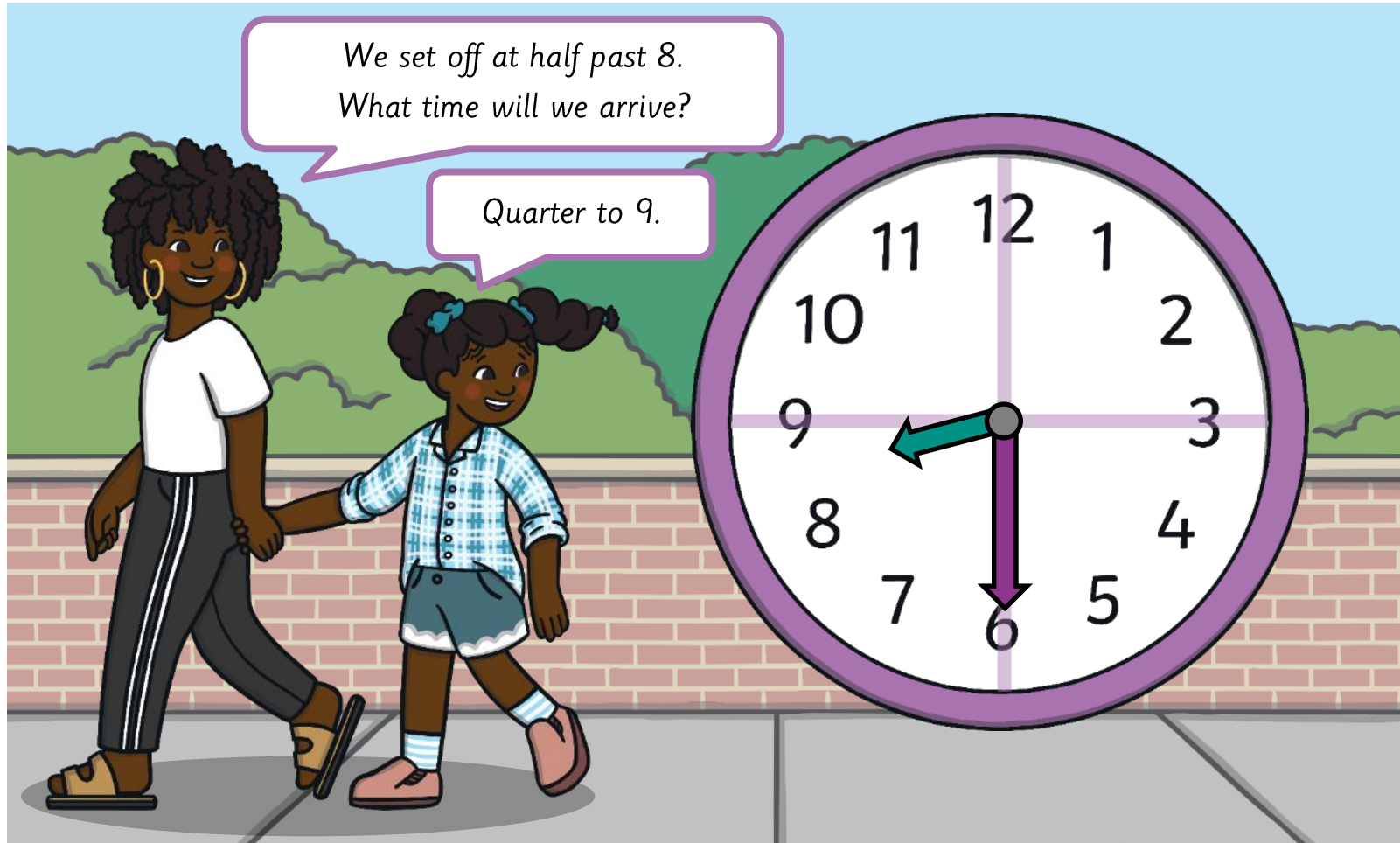
8 o'clock.



25.04.2024

LQ: Can I tell the time at quarter to the hour?

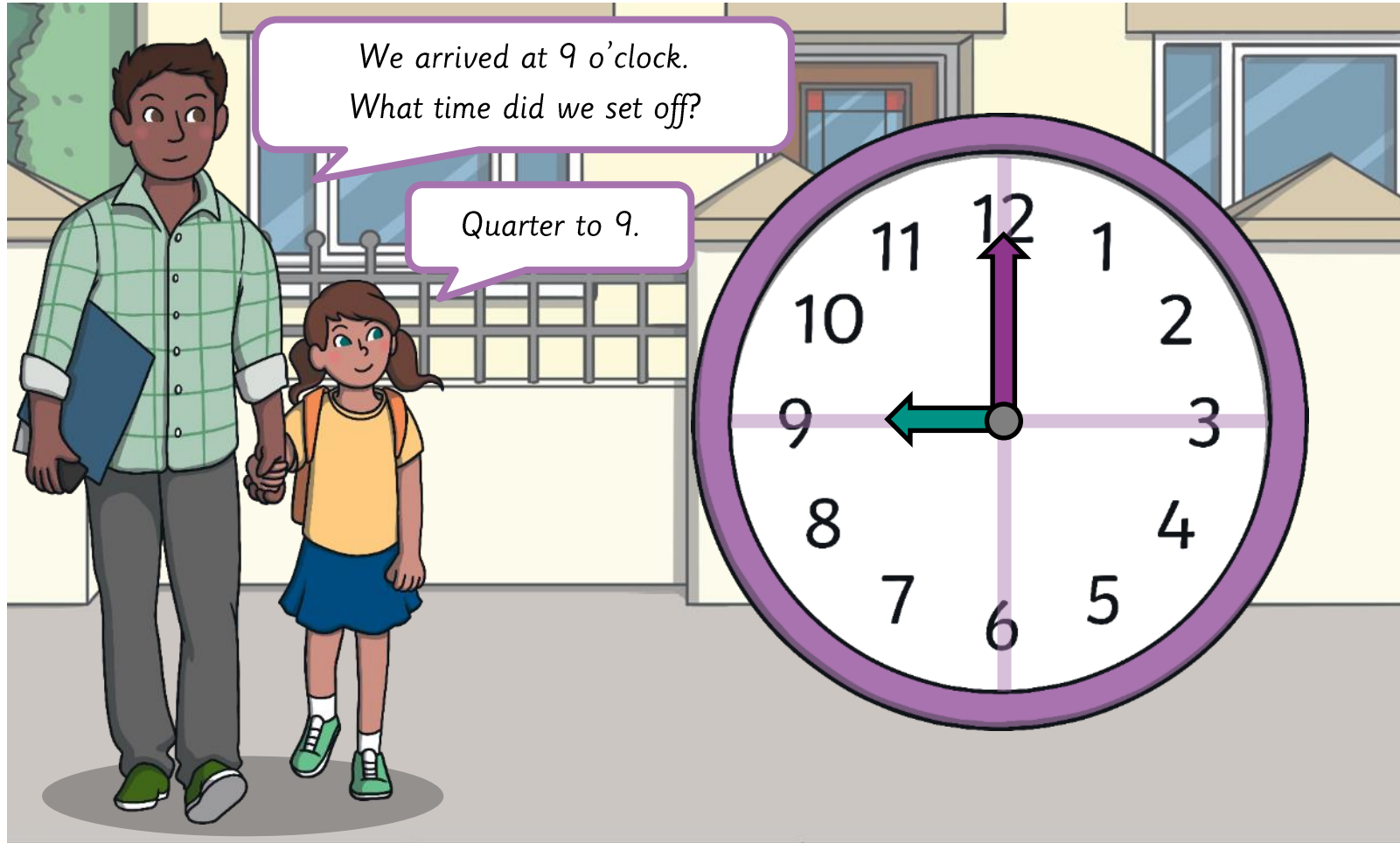
It takes a quarter of an hour to walk to school.



25.04.2024

LQ: Can I tell the time at quarter to the hour?

It takes a quarter of an hour to walk to school.



LQ: Can I tell the time at quarter to the hour?

School finishes at 3 o'clock.
Hari's mum is going to collect him.
It takes her a quarter of an hour to walk to school.



Oh no! I'm late!

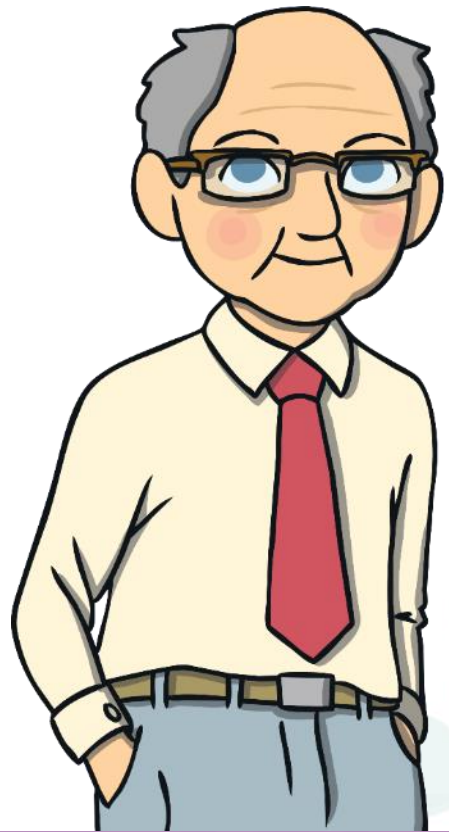


Do you agree? Is Hari's mum late?

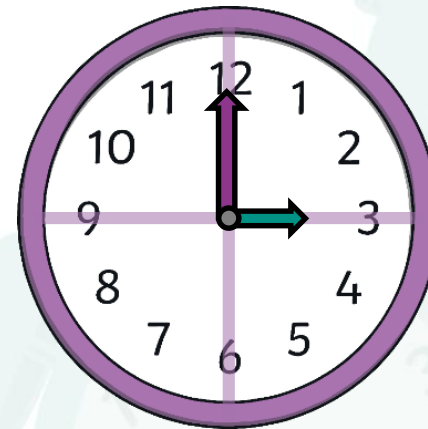
It is quarter to 3.
It is a quarter of an hour until 3 o'clock.
Hari's mum is not late.

LQ: Can I tell the time at quarter to the hour?

School finishes at quarter to 3.
Sadie's grandad is going to collect her.
It takes him a quarter of an hour to walk to school.



Oh no! I'm late!



Do you agree? Is Sadie's grandad late?

It is 3 o'clock.
School finished at quarter to 3.
Sadie's grandad is late.

25.04.2024

LQ: Can I tell the time at quarter to the hour?

Let's practice drawing the time on each clock.

Let's practice showing the time.



quarter to 9



quarter to 3



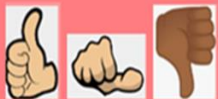
quarter to 5



quarter to 1

Self Assessment

Do you understand how to draw the time for 'quarter to' the hour?



26.04.2024

Mental Maths

When we measure the temperature (measuring heat or coldness), we use Celsius $^{\circ}\text{C}$.

The scales are measured in 2s.

What temperature does each thermometer show?

Reading Thermometers

Write the correct temperatures underneath each thermometer.

The image shows four identical thermometers arranged horizontally. Each thermometer has a vertical scale from 0 to 50 in increments of 2. The scales are labeled on the left side of each thermometer. Below each thermometer is a blank line followed by a degree Celsius symbol ($^{\circ}\text{C}$). The liquid levels in the thermometers are as follows:

- Thermometer 1: Empty (0 $^{\circ}\text{C}$)
- Thermometer 2: 41 $^{\circ}\text{C}$
- Thermometer 3: 16 $^{\circ}\text{C}$
- Thermometer 4: 47 $^{\circ}\text{C}$



26.04.2024

LQ: Can I tell the time at quarter to the hour?



Steps to Success

I know the time is read 'past the hour' and 'to the hour'.

I can use the hour and minute hand to read and show quarter to.

I can solve word problems related to the time.



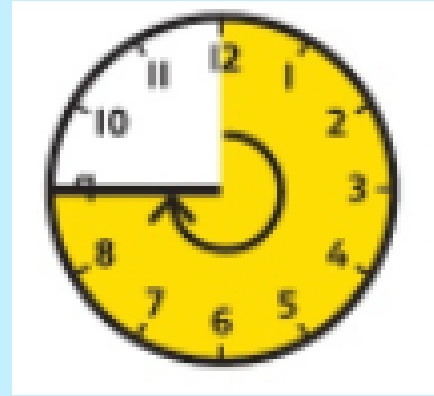
STAR WORDS



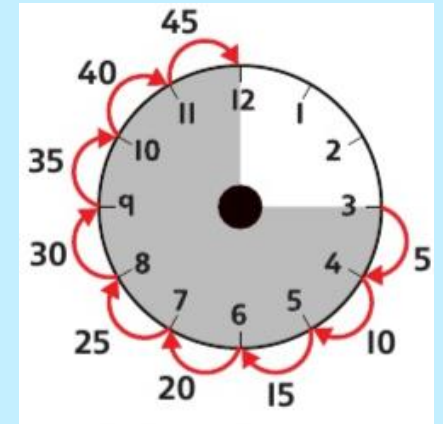
start end



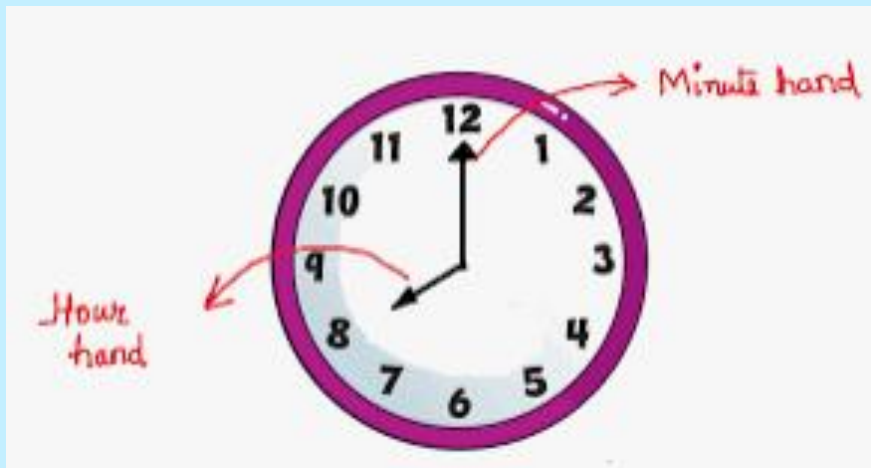
time past



duration



5 minute intervals



minute hand

hour hand

26.04.2024

LQ: *Can I tell the time at quarter to the hour?*

Let's recap:

- *How many seconds are there in a minute?*
- *How many minutes are there in an hour?*

How many minutes are there in quarter of an hour?

- *How many minutes are there in half an hour?*
- *How many days are there in a month?*
- *How many days are there in a year??*

26.04.2024

LQ: Can I tell the time at quarter to the hour?

What time is it?

Which clock is showing quarter past?
Which clock is showing half past?
Which clock is showing quarter to?

Clock 1: Shows 12:30. The hour hand is between 12 and 1, and the minute hand is at 6. The area from 12 to 6 is shaded green. Labels: Quarter, Half.

Clock 2: Shows 9:15. The hour hand is between 9 and 10, and the minute hand is at 3. The area from 9 to 12 is shaded green. Labels: Quarter, Half.

Clock 3: Shows 3:15. The hour hand is between 3 and 4, and the minute hand is at 3. The area from 12 to 3 is shaded green. Labels: Quarter, Half.

A quarter of an hour is 15 minutes. At quarter past, it is 15 minutes past the hour. Quarter to is 3 quarters past the hour, which is 45 minutes.

25.04.2024

LQ: Can I tell the time at quarter to the hour?

*I am going to call out lots of 'quarter to' times.
These are going to be in quarters.
You are going to make those times on your clocks.*



Self Assessment

*Do you understand how to tell the time
in quarters?*





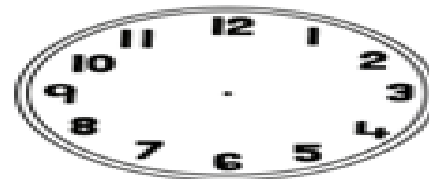
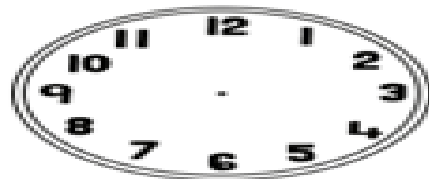
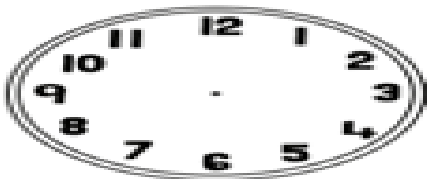
26.04.2024

LQ: Can I tell the time at quarter to the hour?

Complete the tasks in your books.

★ Clock, o'clock, half past, quarter past, quarter to, hour, minute ★

<p>1. Draw the hands on the clocks to show the quarter to</p>	<p>2. It takes Isaac fifteen minutes to clean his bedroom. He started at this time:</p>  <p>What time will he finish cleaning?</p>	<p>3. It takes a quarter of an hour to travel to school. If we set off at quarter to 8, we'll get to school at 9 o'clock. Is she correct? Why?</p> 
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Self Assessment
Do you understand what to do?

