Welcome to Year 3 live maths lesson

The session will begin at **11.15**

Turn your camera and microphone off please

Ark Curriculum+

MONDAY 1.3.21
Live maths

Year 3 Unit 8: Time

Reading analogue time with increasing accuracy

Mathematics
Mastery

Maths Meeting
Monday

3.1.21

- Subtract 10 from 200.
  - 190
- What is the total of 45 and 41?
  - 96
- Double 34
  - 68
- What is half of 80?
  - 40

What is hidden number?

Say this number

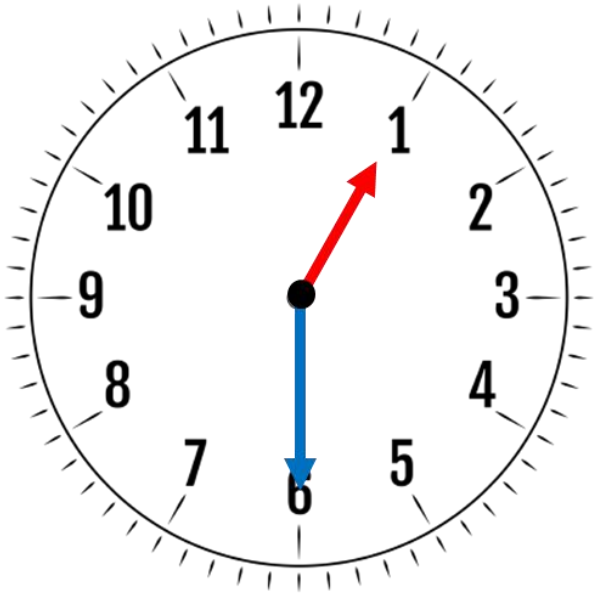
625

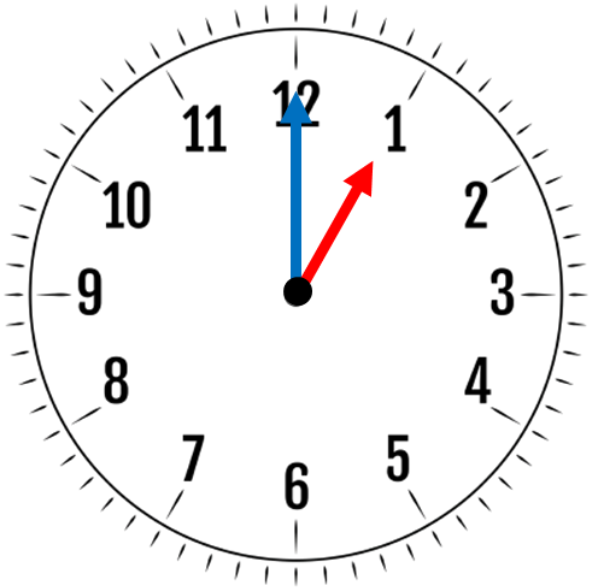
What is the value of the digit 2?

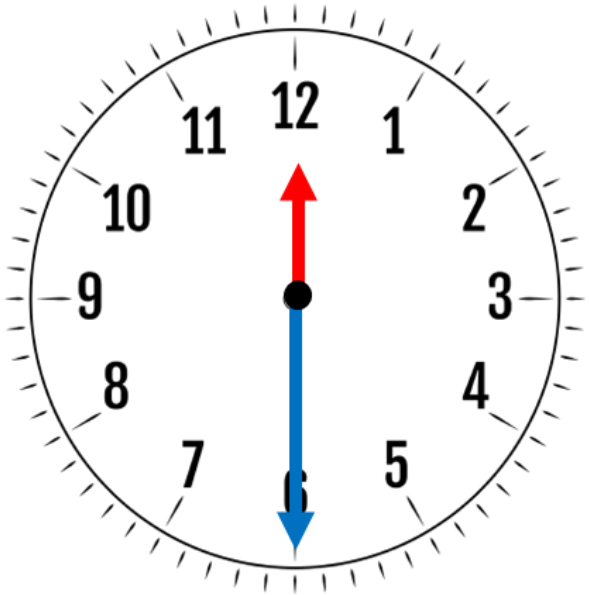
What is the value of the digit 5?

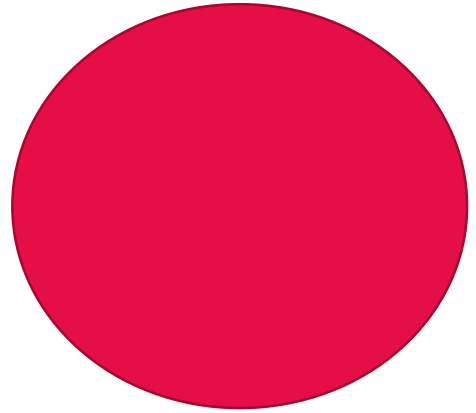
What is the value of the digit ?

Do now









I will know how to read analogue times to the hour

Star Words

analogue

past the hour

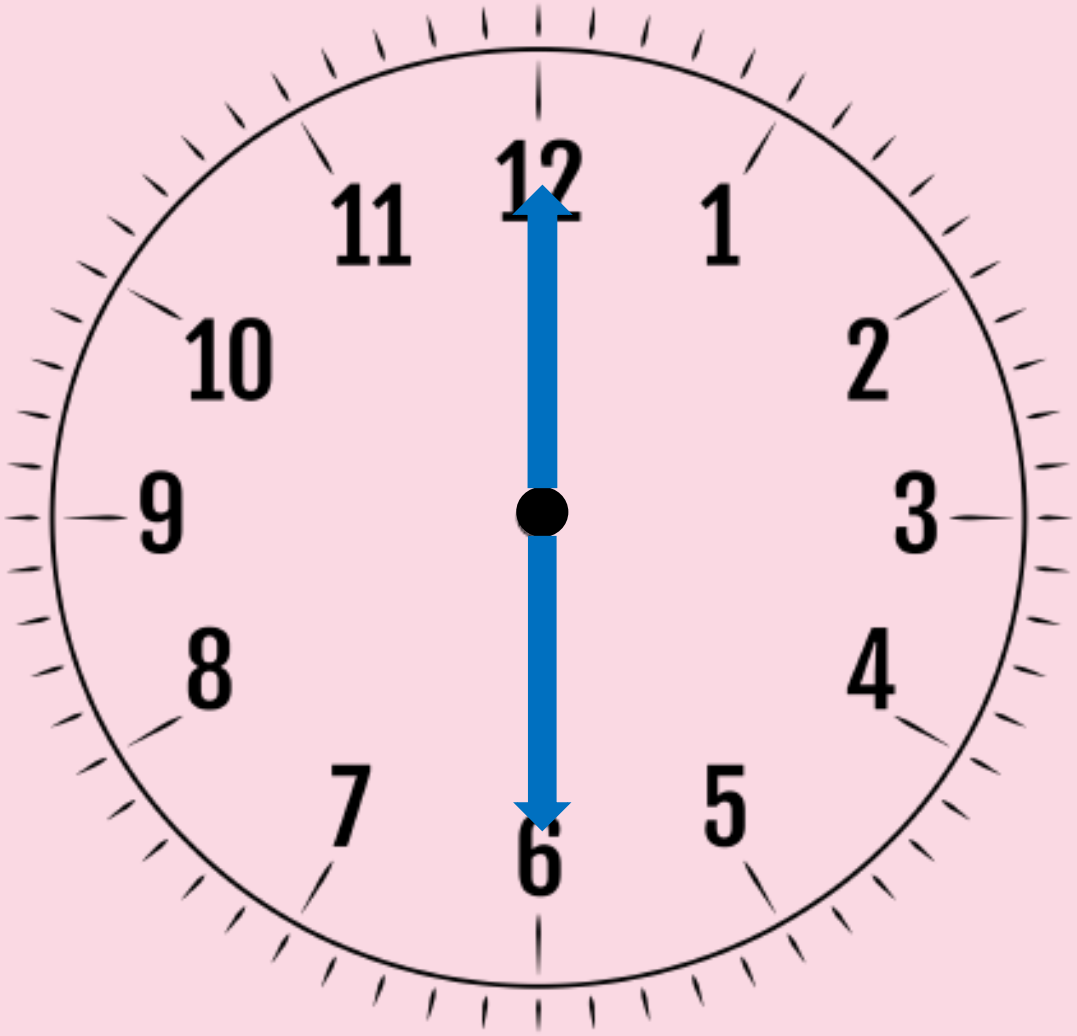
to the hour

minute hand

hour hand

5 minute intervals

Review

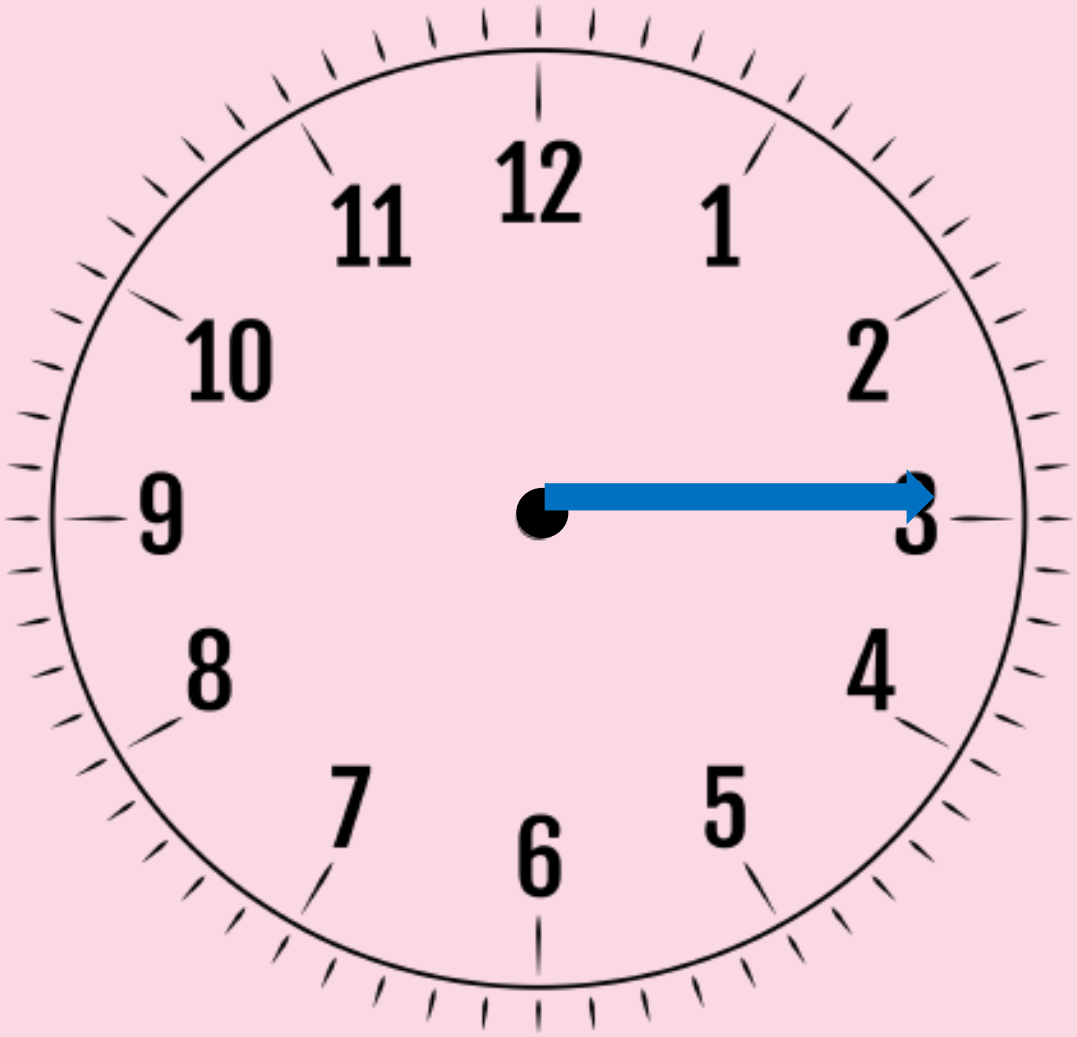


When the minute hand points straight up to the 12.
What does this say?

When the minute hand points straight down to the 6, it is HALF WAY around the clock.
What does this say?

How many minutes are there in one hour?
So that's how long does the minute hand take to travel all the way round the clock.

Review

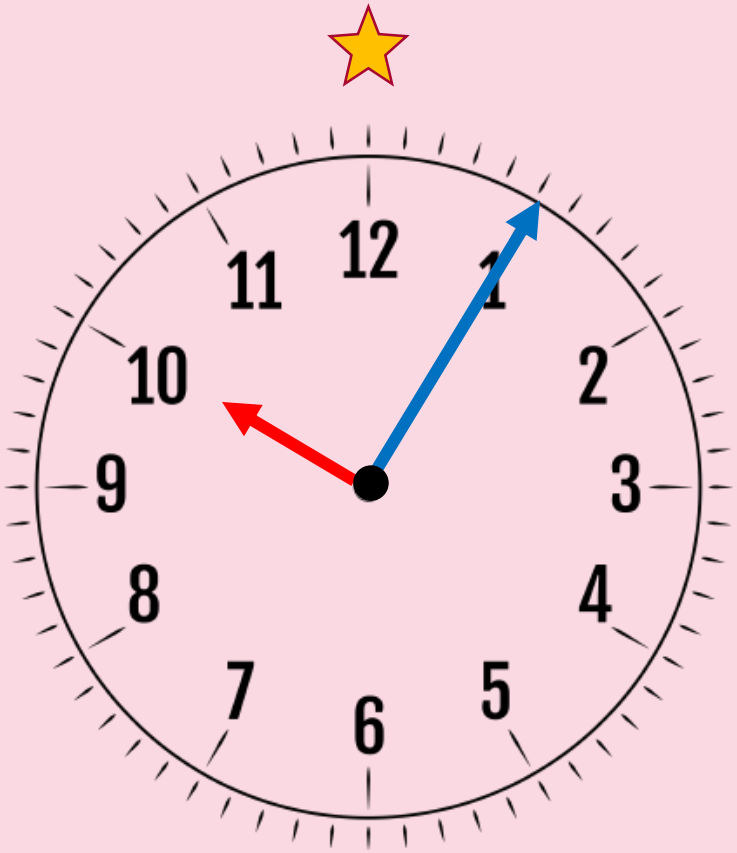


When the minute hand has travelled QUARTER of the way round.

What does this say?

REVIEW

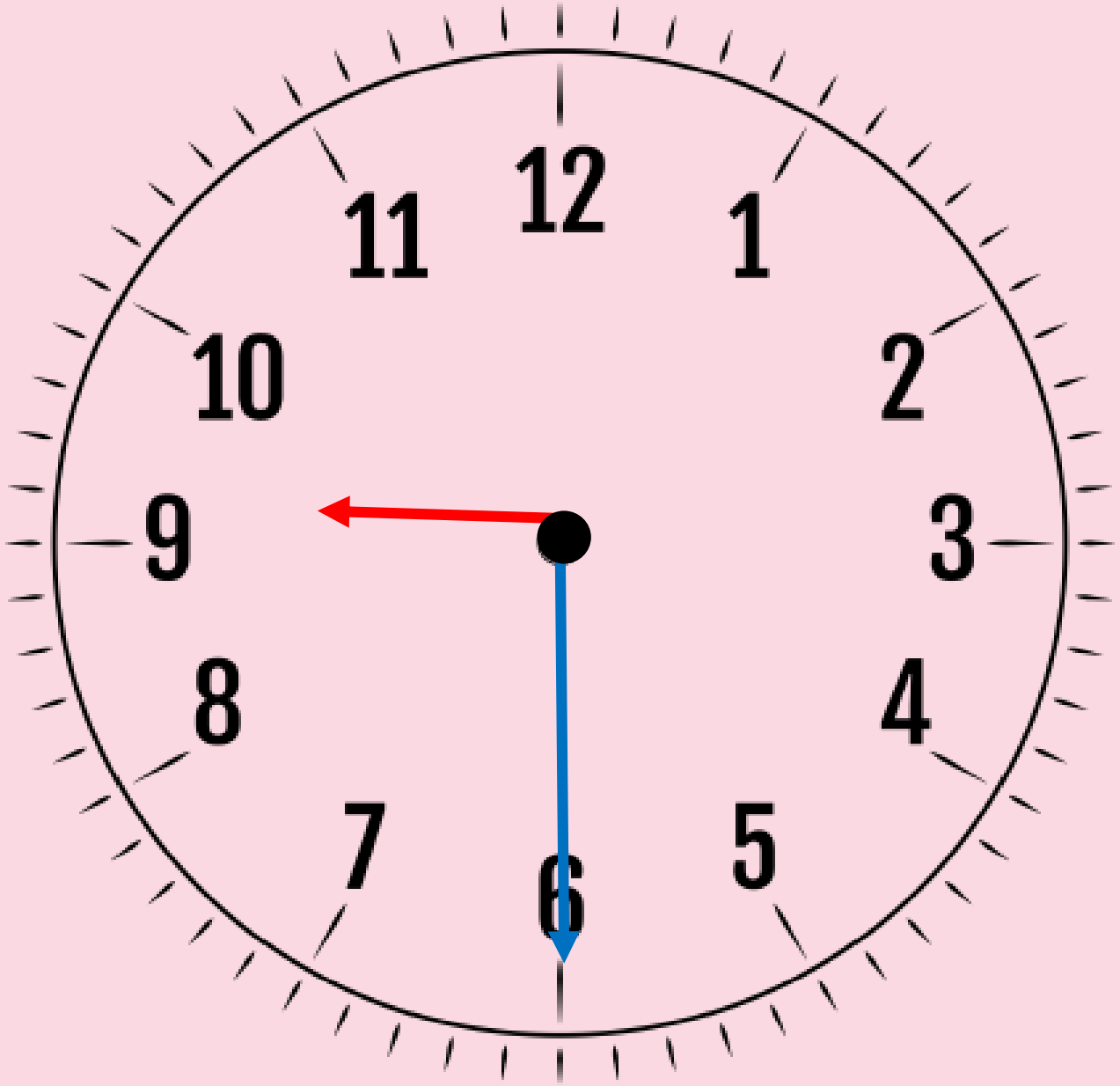
telling the times “past the hour” counting in 5’s.



minutes to

minutes past

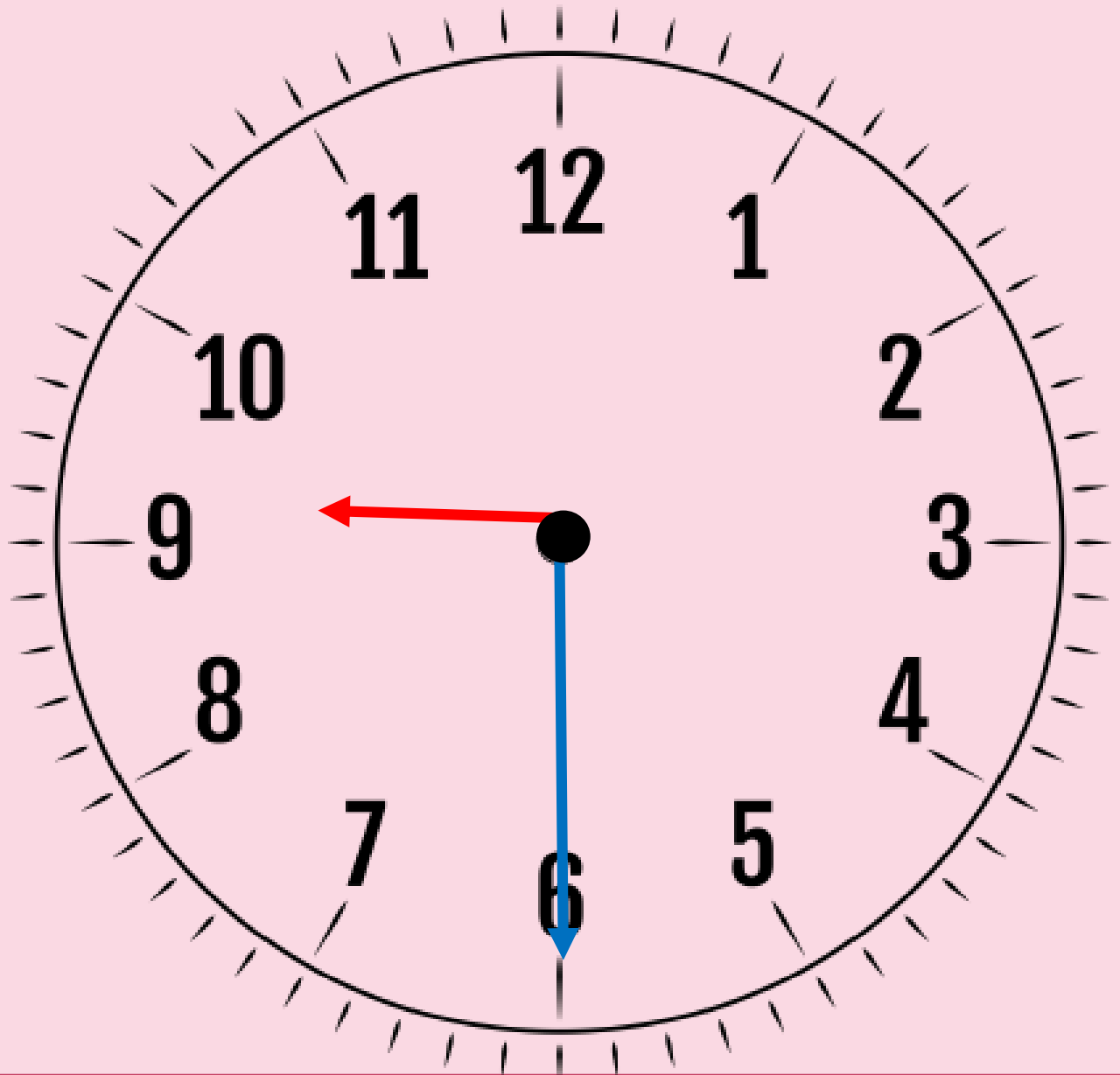
It is half past 9



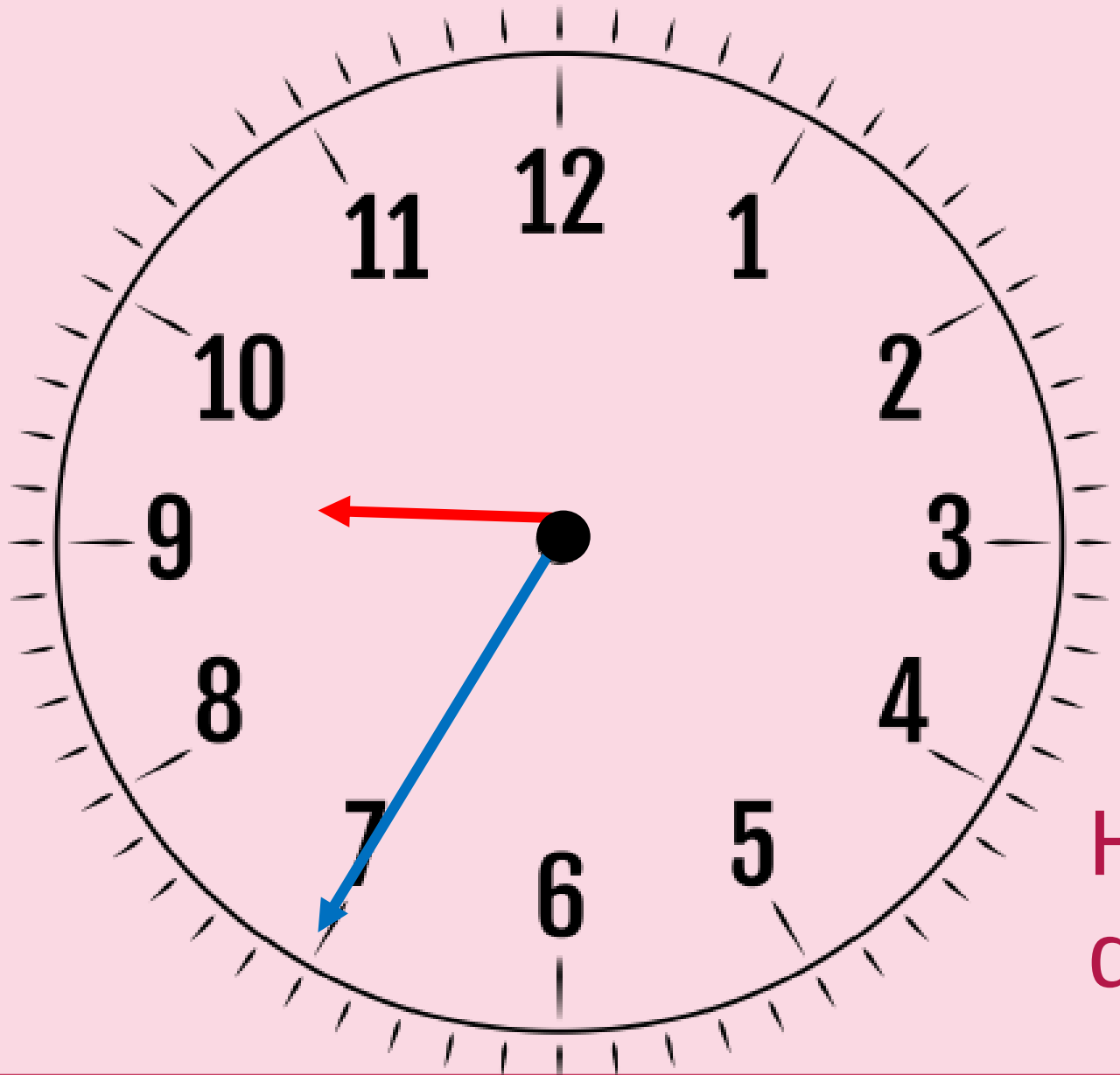
How many minutes in half an hour?

So that's 30 minutes past the hour of 9. Let's count the minutes in 5's to check this.

So what happens when the minute hand goes past half past?



When the minute hand gets past half-way, times we say‘minutes to the next hour’, rather than ‘past the previous hour.

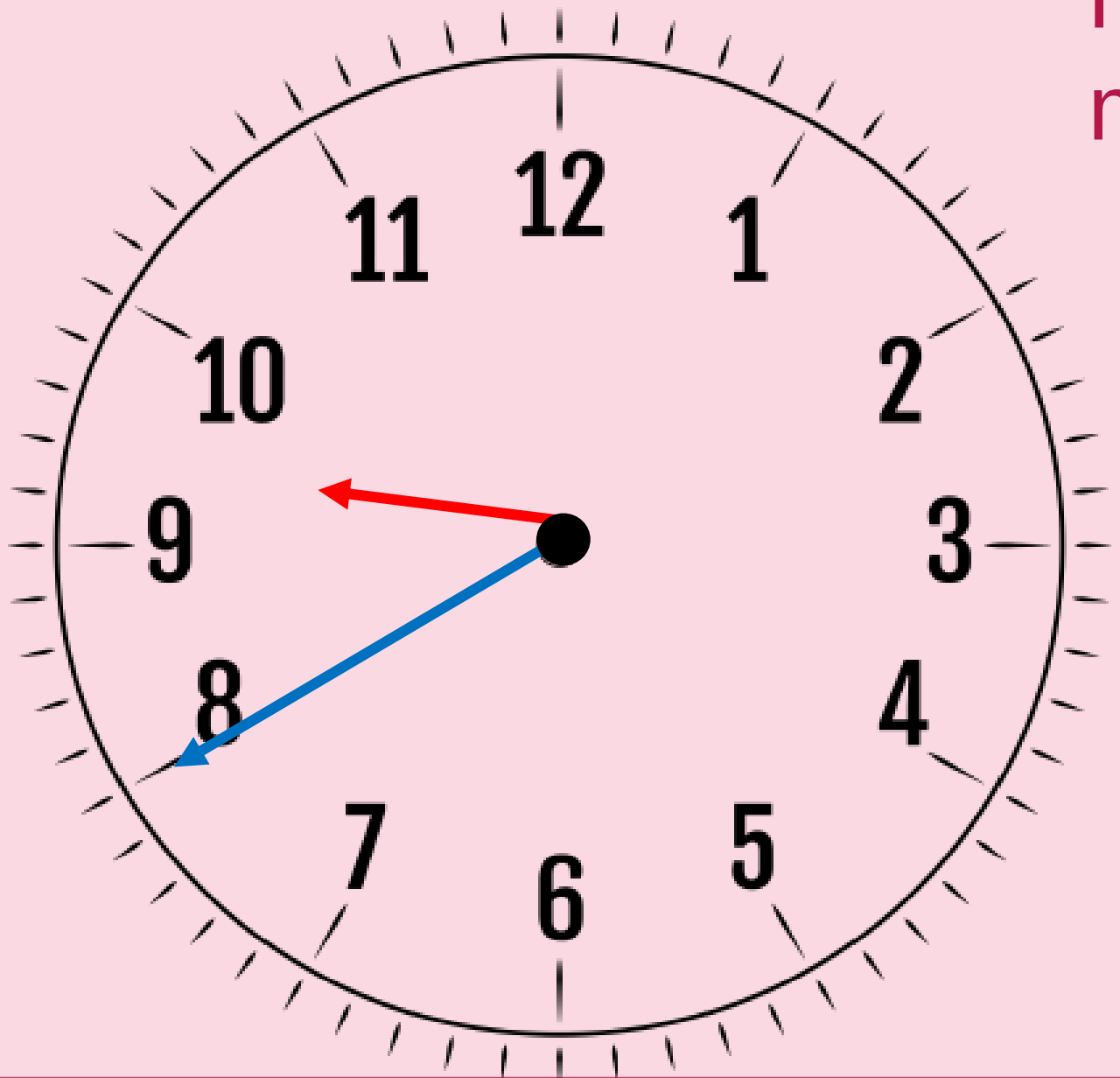


We now read the time counting how many minutes to the next hour.

We still count it in 5 minute intervals.

How many minutes did I count?

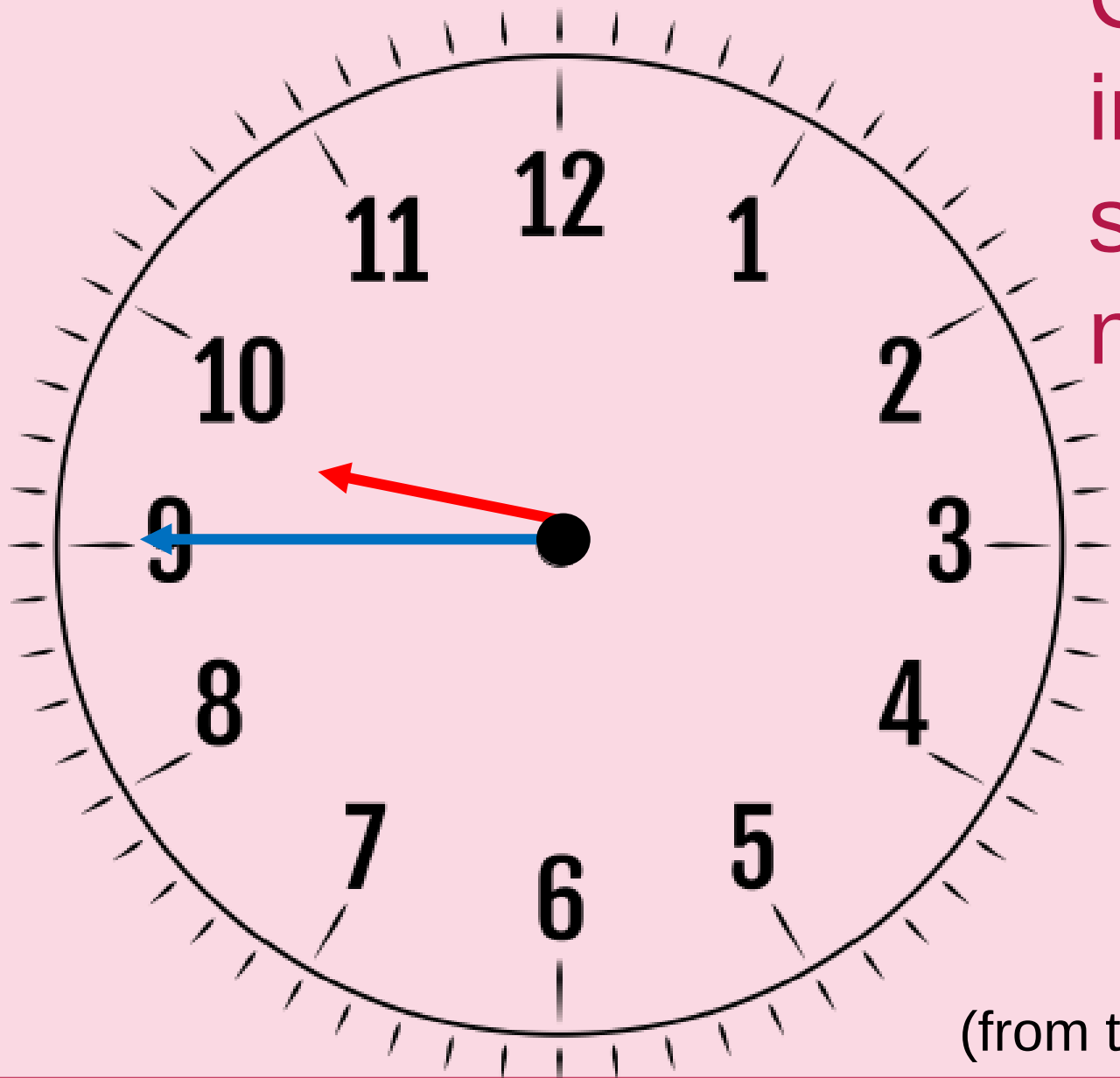
We do



Now let's count the minutes.

Look at the hour hand,
is it still directly on the 9?
Has it moved a little?

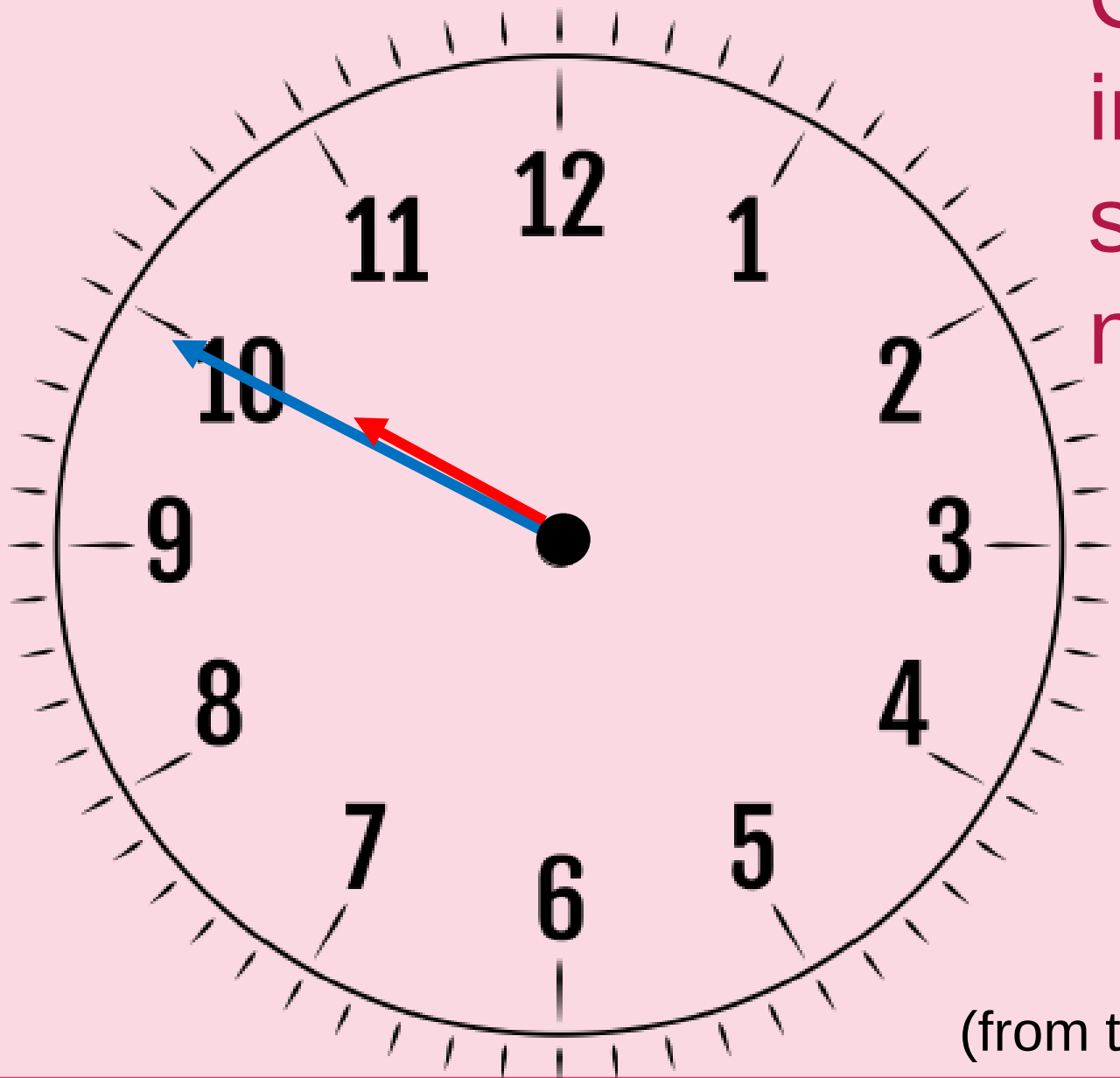
You do



Count the minutes in 5’s from where it starts to where the next hour begins.

(from the number 9 to the number 12)

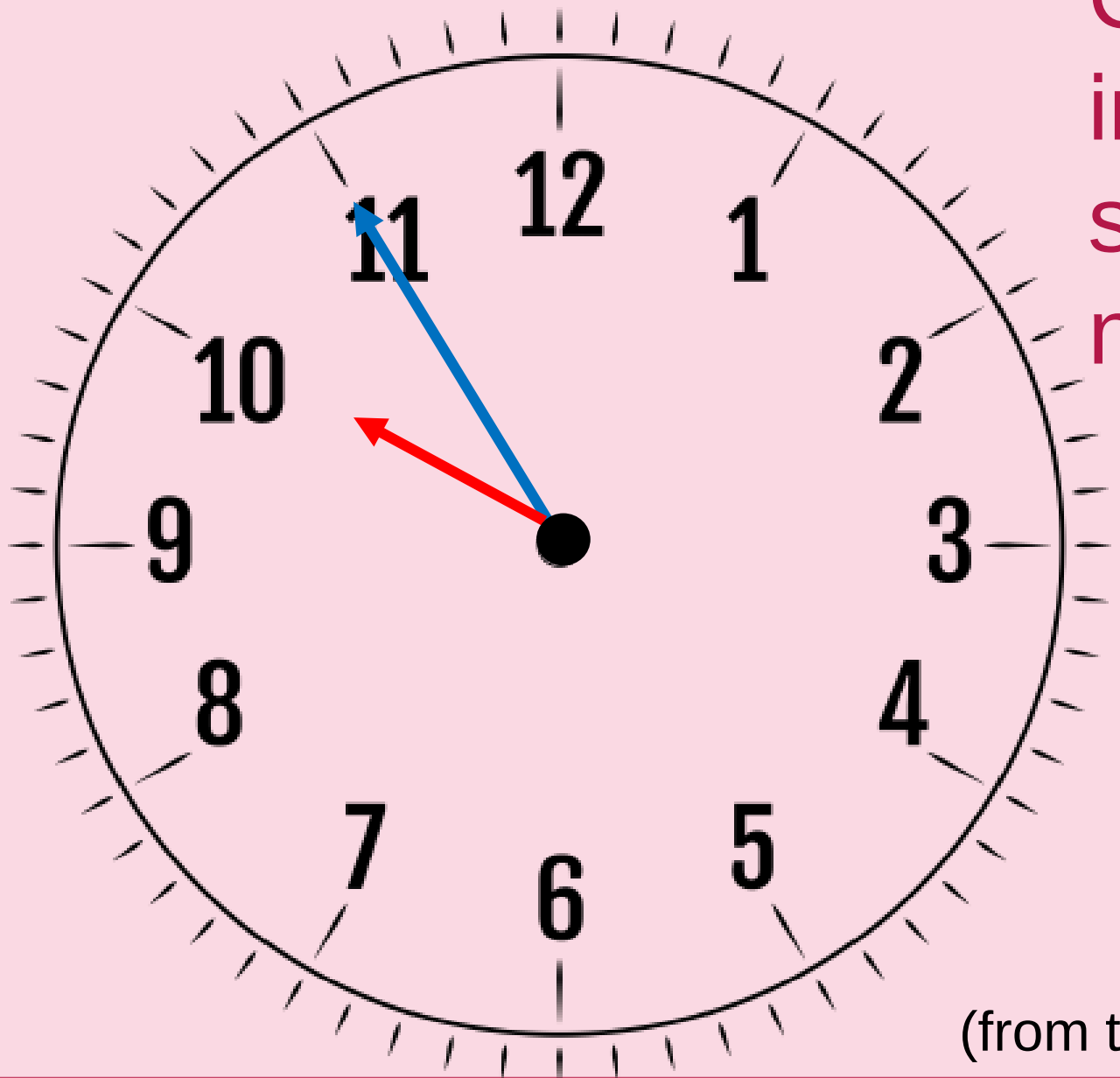
Another practise



Count the minutes in 5’s from where it starts to where the next hour begins.

(from the number 10 to the number 12)

One more go



Count the minutes in 5’s from where it starts to where the next hour begins.

(from the number 11 to the number 12)

Assignment

Go and find your assignment in the general folder.

Choose your chilli.

Click the Editing button so you can type straight onto your task sheet. If you can't write on the assignment sheet you can copy it onto paper and take a photograph of it.

Fast finish challenge

If it takes 2 minutes to run around the playground
How many seconds is that?

If it takes 4 minutes to walk home,
How many seconds is that?

If it takes 10 minutes to read my book,
How many seconds is that?

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Maths Meeting Tuesday

2.3.21

- 4x4 =
- 16

- What is half of 32?
- 16

- If I share my 32 sweets with my friend, how many will we each get?
- 16

- What is 2 x 8?
    - 16

0 1 2 3 4 5 6 7 8 9

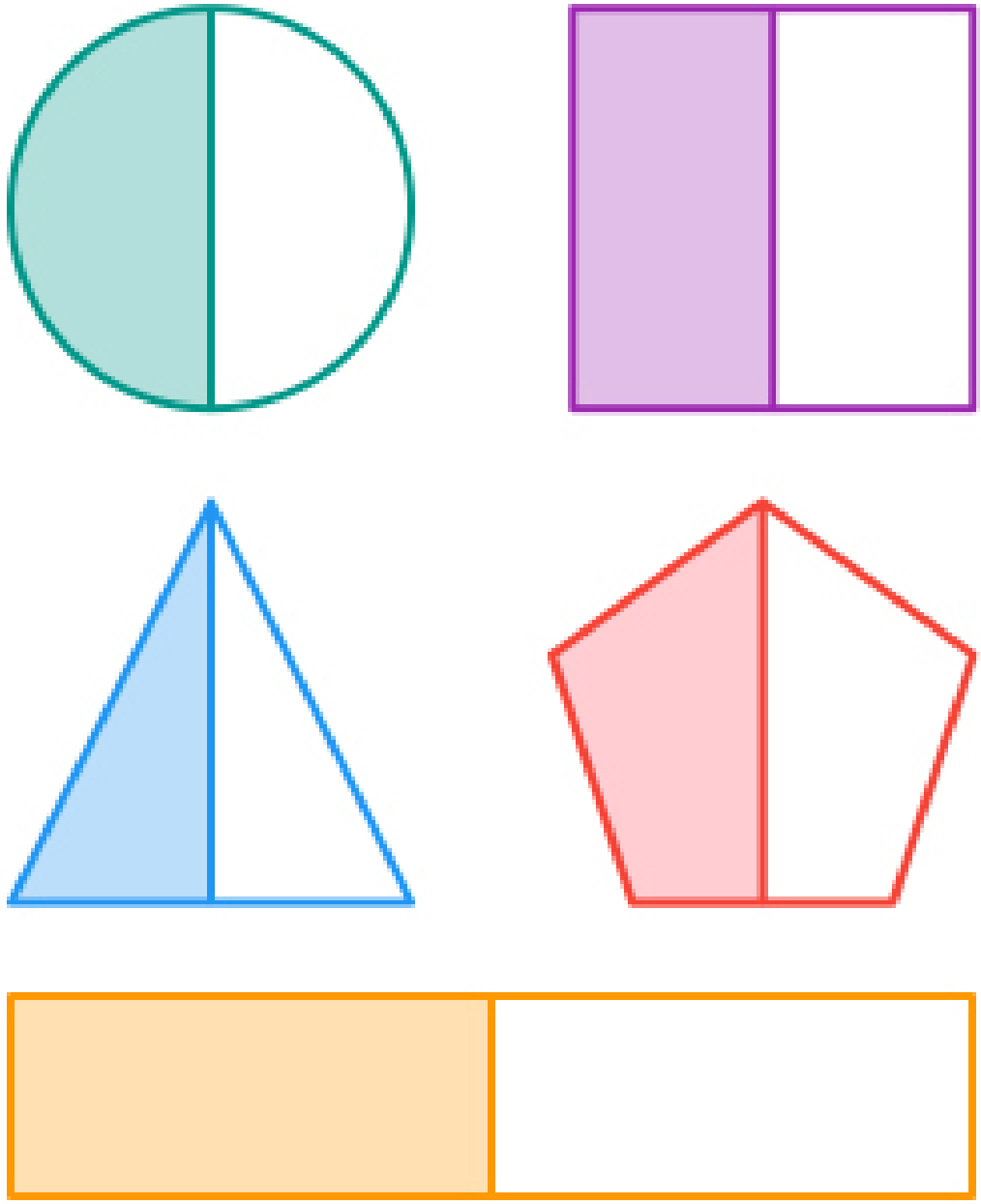
- How many different ways can you make 12 using these digits?

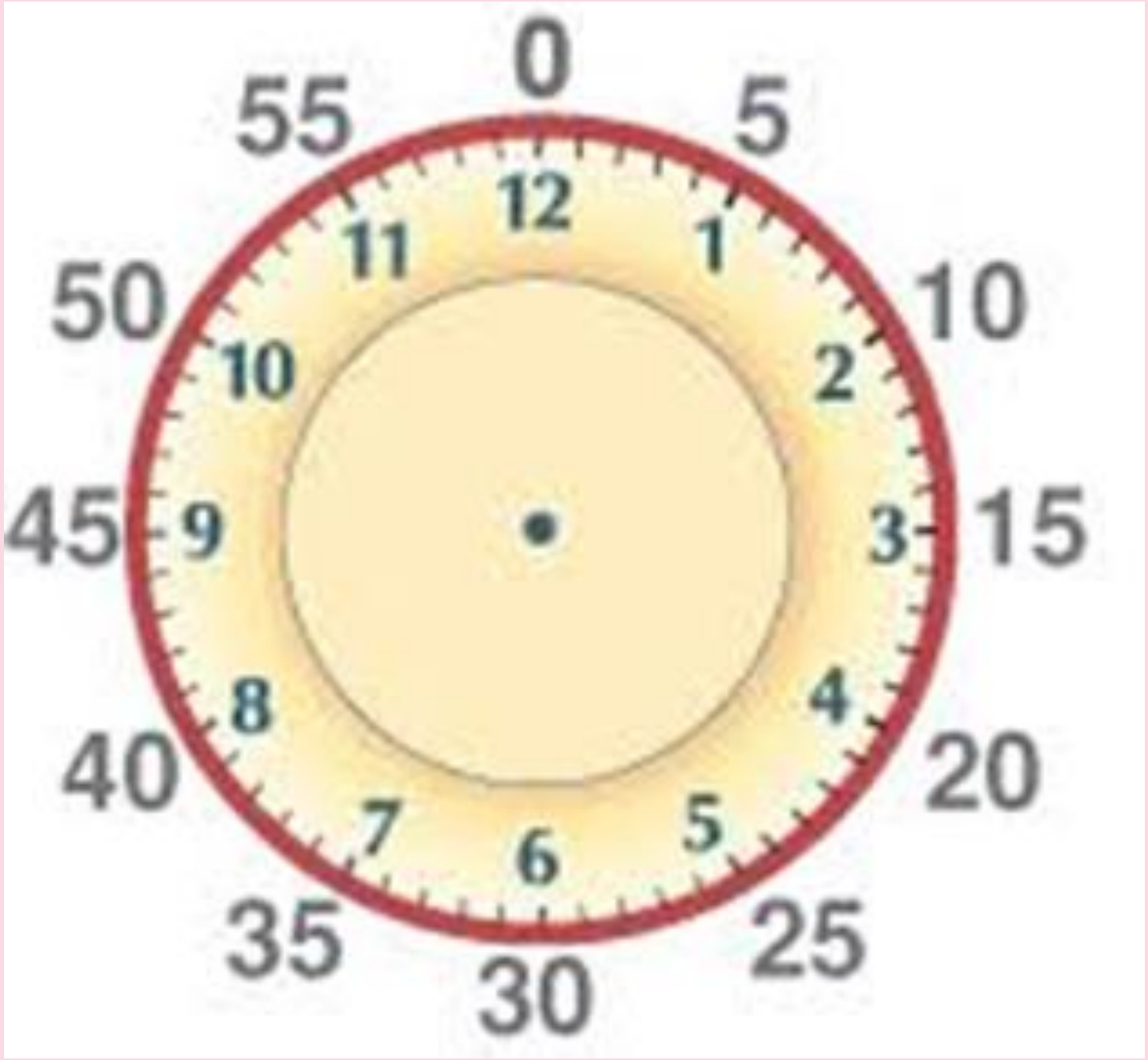
With 2 digits?
With 3 digits?

CHALLENGE – can you use multiplication ?

What fraction do these shapes show?

How do you know?





5 minute intervals
Let’s count in 5’s

We will practise counting the minutes again.

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Maths live
Tuesday 2.3.21

Year 3 Unit 8: Time

: Telling the time using a.m. and p.m.

Mathematics
Mastery

Do now

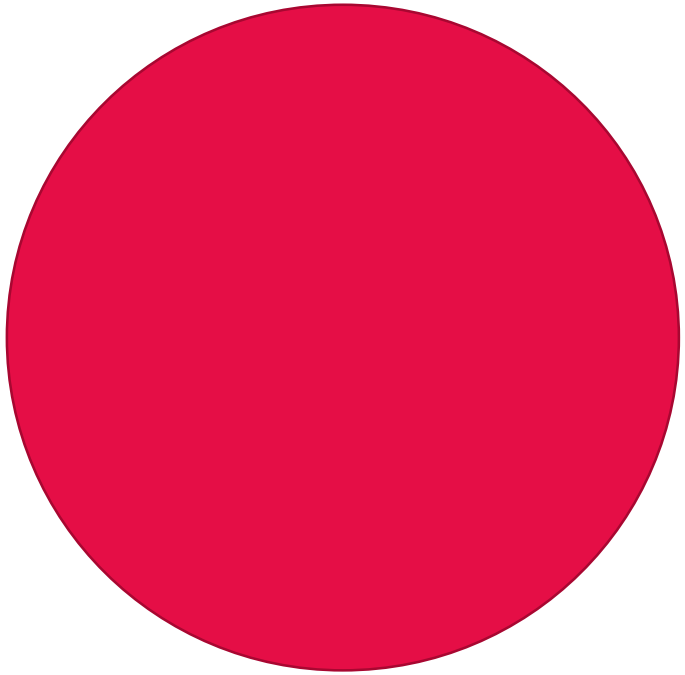
3 x 5 =

5 x 5 =

7 x 5 =

11 x 5=

12 x 5 =



I will understand and correctly use a.m. and p.m. to describe time

Star Words

a.m.

p.m.

earlier

later

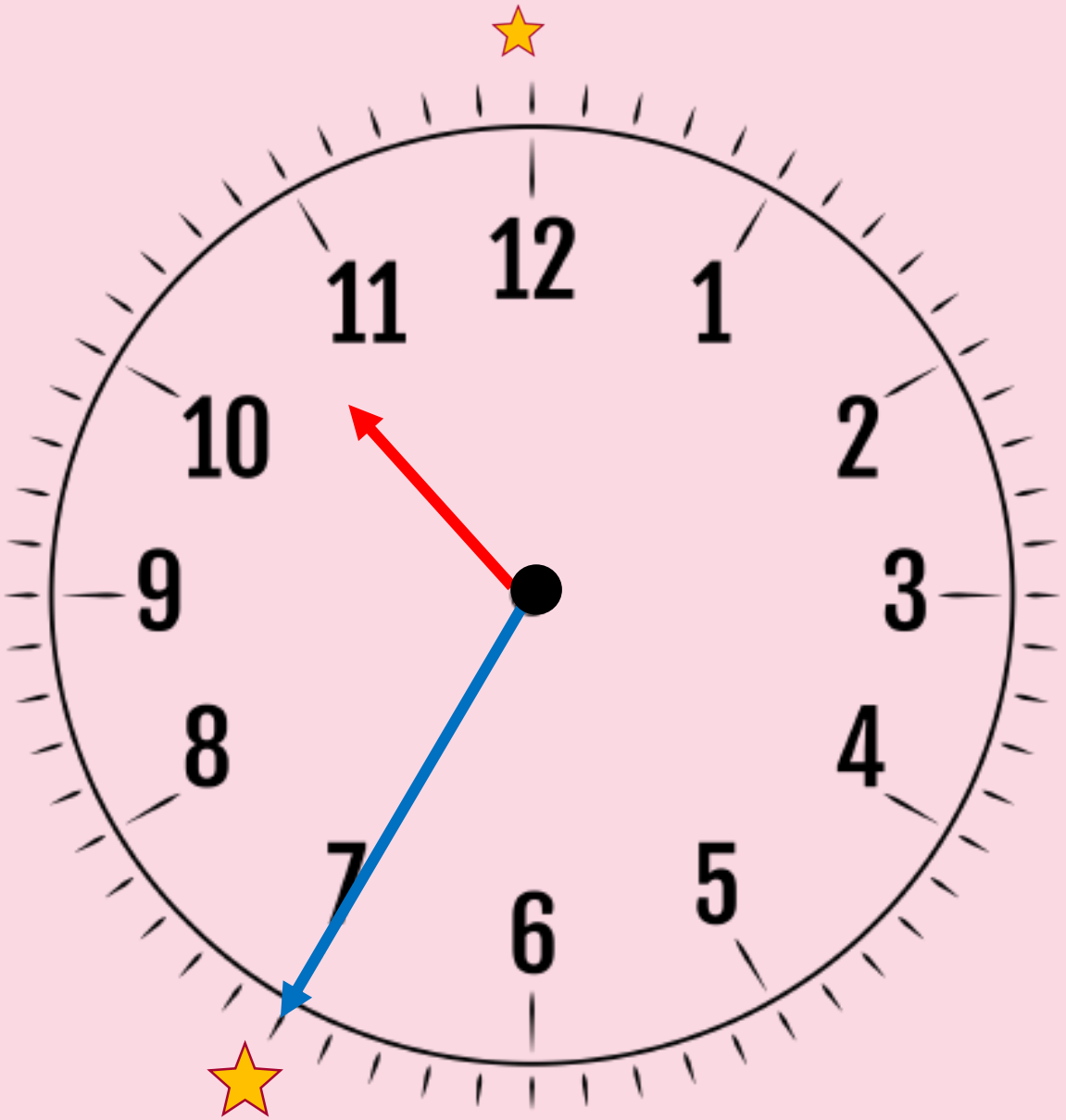
earliest

latest

chronological order

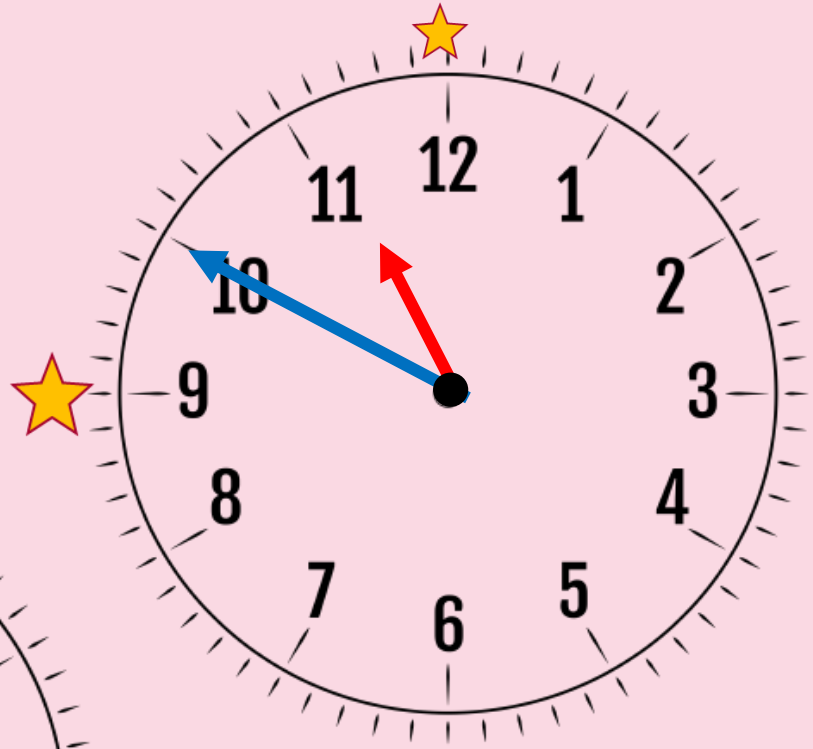
I do

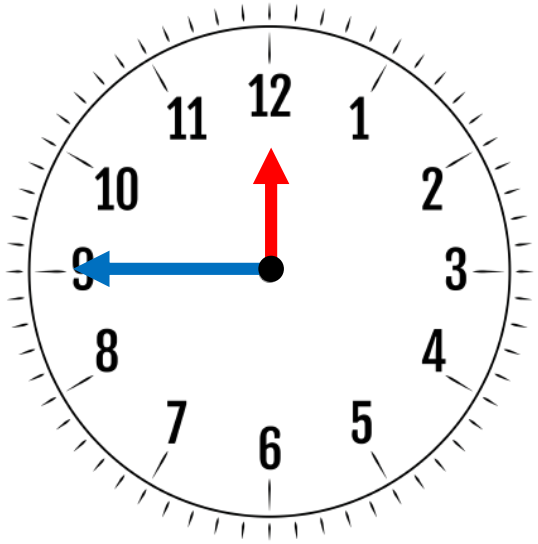
telling the times “to the hour” counting in 5’s.

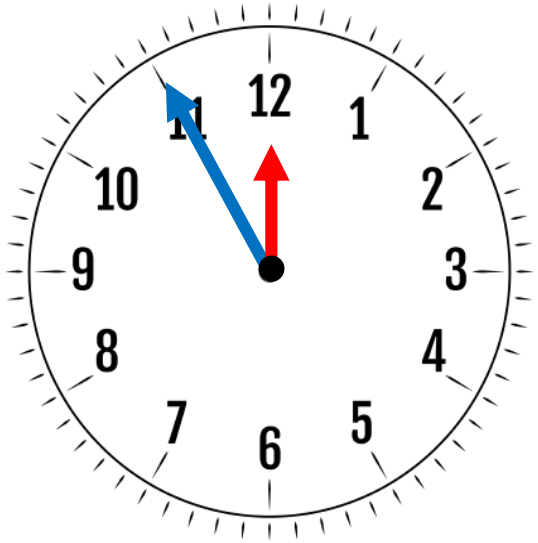


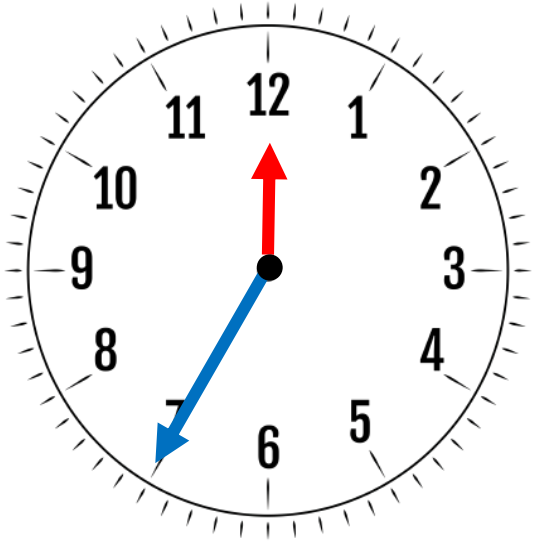
We do

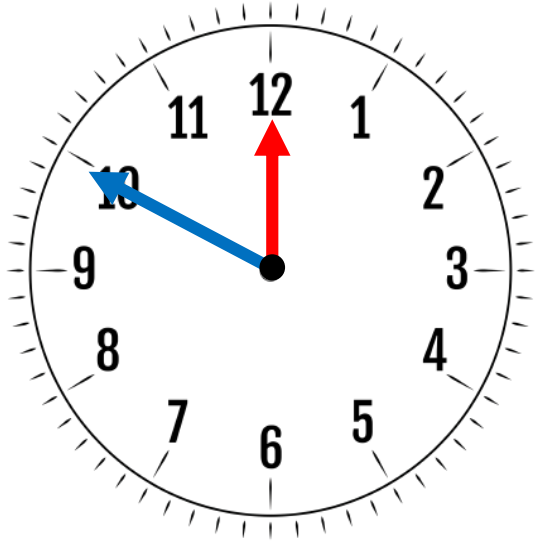
Practise telling the times “to the hour” counting in 5’s.







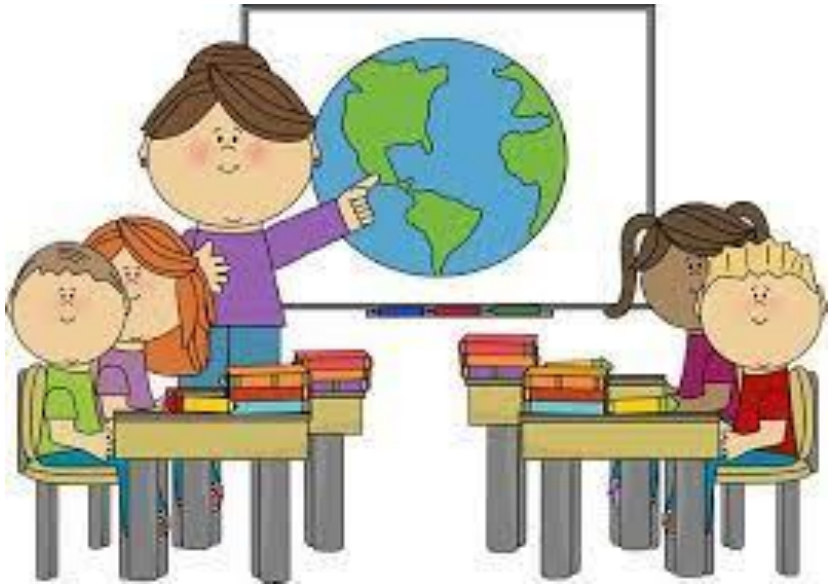


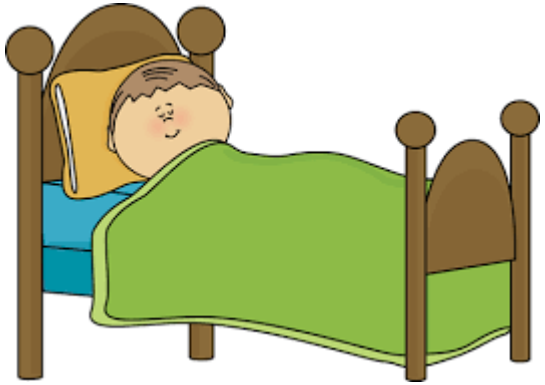


You do
2 minutes to write down these times

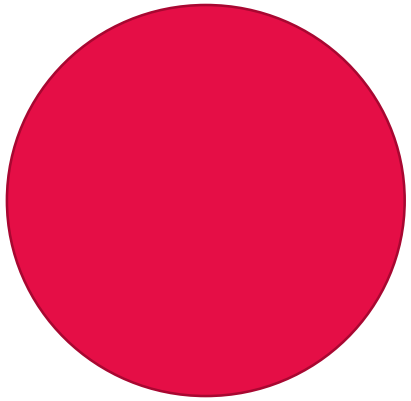
Use these words to describe when the pictures of activities happen.

morning
afternoon
evening
night





What do you do at 8 o’clock?

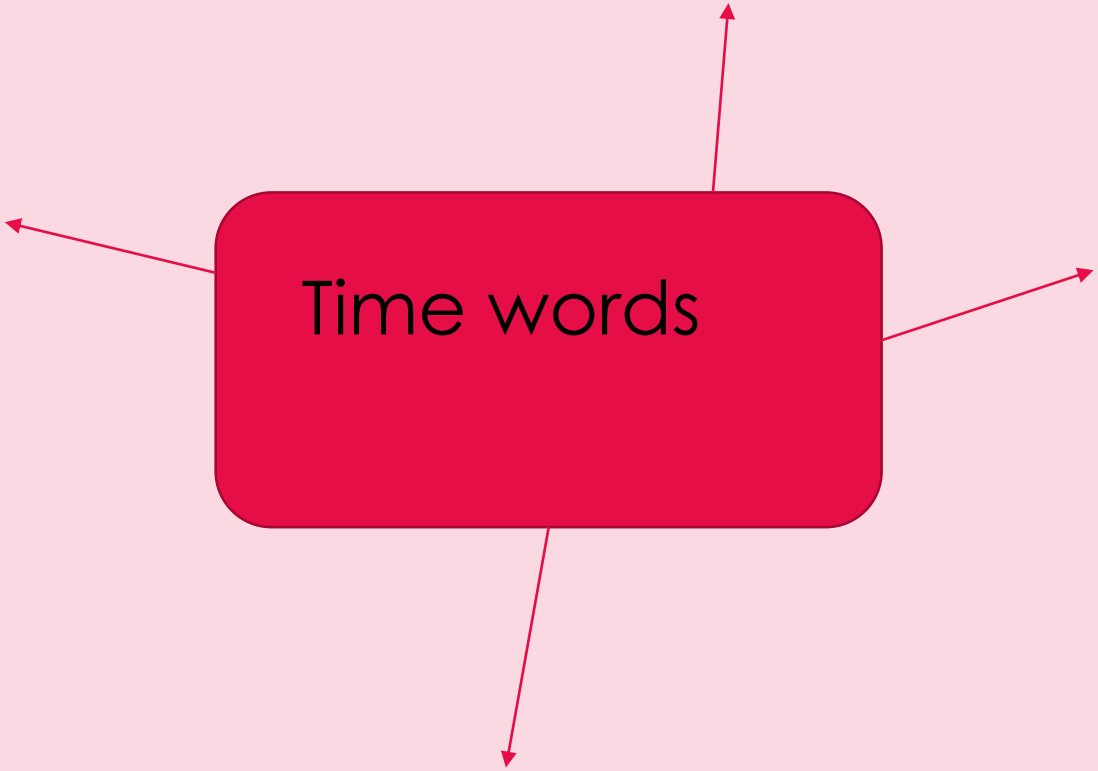


So we need to think of words which help us to understand which parts of the day or night we are talking about!

What sorts of words help us to understand what time of day we mean if each time on the clock face occurs twice every day?

Let’s create a mind map of words to help us.
You have 1 minute to come up with some time words.

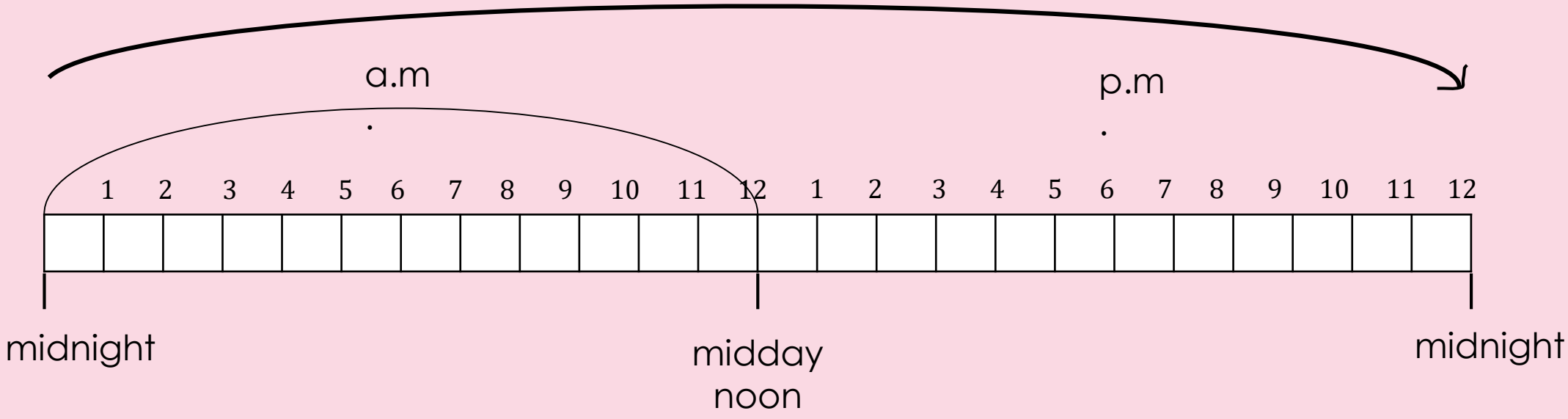
Mindmap



Understanding how to use a.m. and p.m. accurately

How many hours are in 1 day?

1 day = 24 hours



What time of day could this be?

five minutes past seven

ten minutes to six

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Ark Curriculum+

Wednesday 3.3.21
Maths live

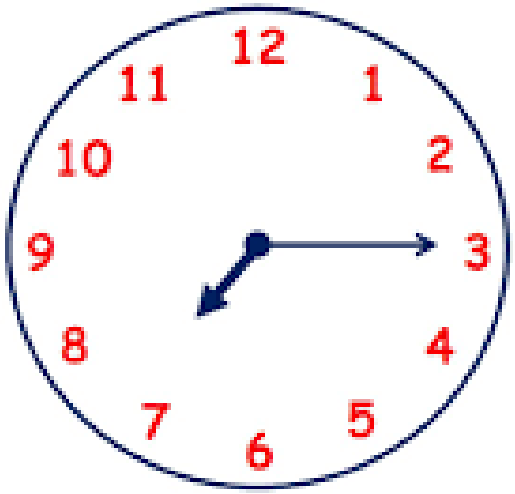
Year 3 Unit 8: Time

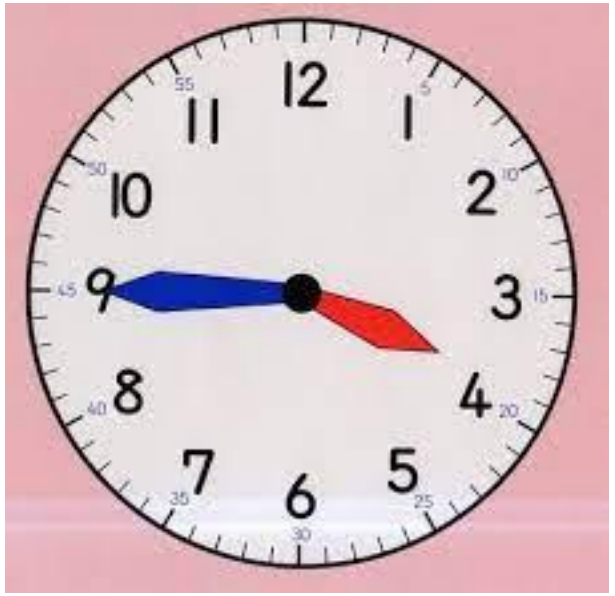
Lesson : Digital clock format

Mathematics
Mastery

Do now

What time is it?
12
1
2
3
4
5
6
7
8
9
10
11


12
1
2
3
4
5
6
7
8
9
10
11


12
1
2
3
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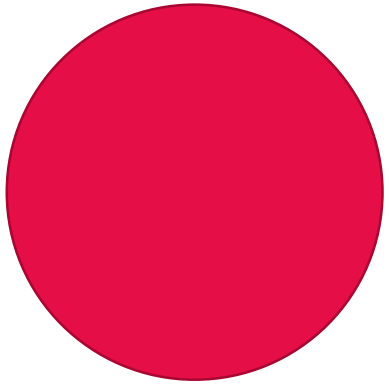
9
10
11



What does a.m and pm mean?

- a.m is morning before 12 Oclock midday
- p.m is afternoon after 12 Oclock midday

REVIEW

I will know how to tell the time using 'minutes past' on a digital clock

Star Words

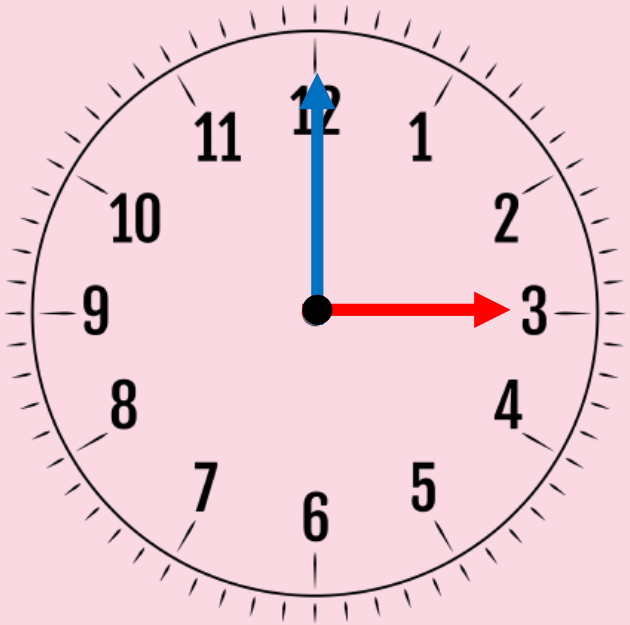
digital format

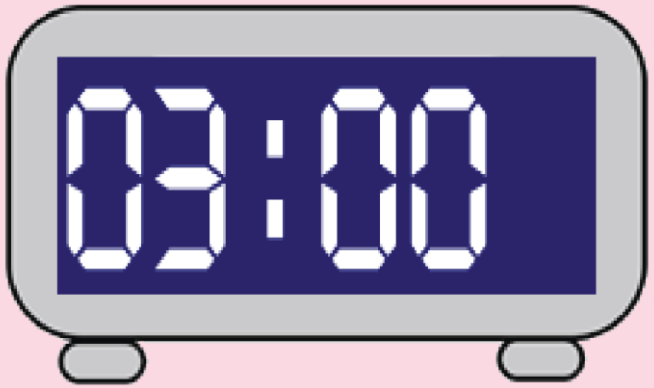
colon

:

minutes past

What is the time on these clocks?





? *What is the same?*

? *What is different?*

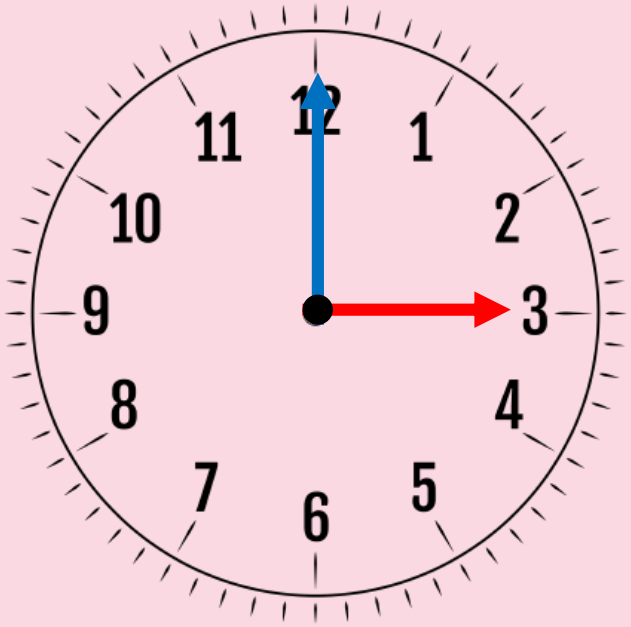
New Learning

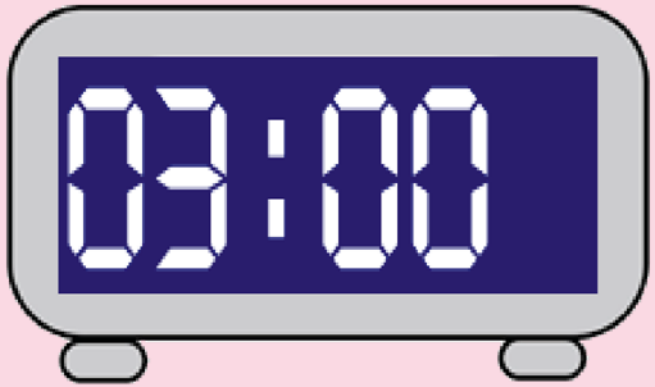
The numbers on the digital clock display look different because of how the clock works - they often have a LCD.

When typed or written this time may look like:

03:00 or 3:00

The zero is not always used in the hours digits.





Which digits show the hours?

Which digits show the minutes?

This is a semi colon.
It separate the hours and the minutes

How could we remember this?

HH MM

Let's practise telling digital time!

I do

The digital clock shows ten twenty. The 10 is before the colon which means it is telling us the hour.

The 20 comes after the colon so it is telling us how many minutes have passed.

This is the same as twenty minutes past ten.

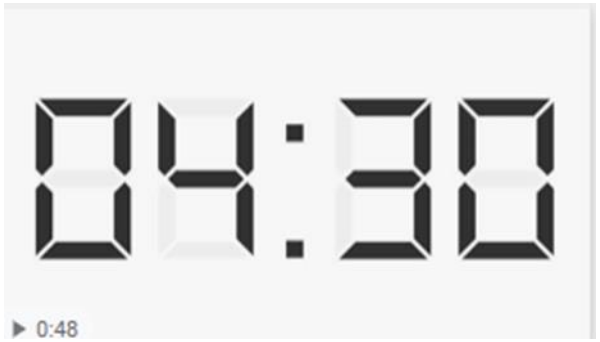
Or on the digital clock we can read it as 10 20

I can also write this as ten twenty

We do

The hours reads……
The minutes read…….

You do



The hours reads……
The minutes read…….

Assignment

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Ark Curriculum+

Thursday 4.3.21
Maths live

Year 3 Unit 8: Time

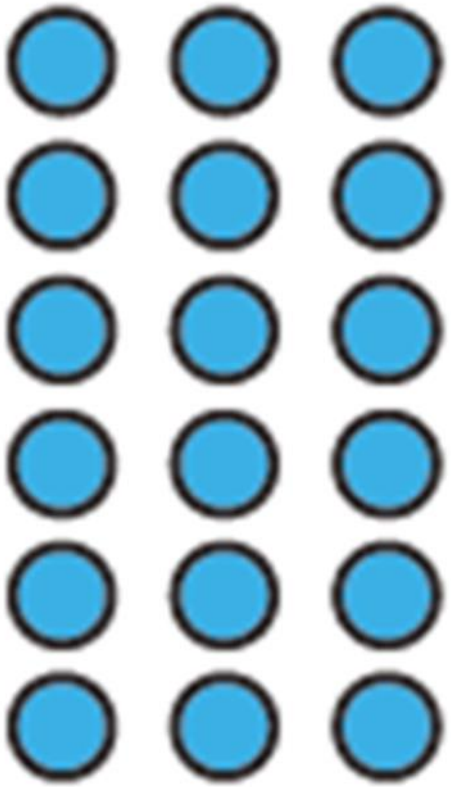
Lesson : Digital clock format

Mathematics
Mastery

Maths Meeting Thursday

25.2.21

Write 4 calculations to match this array.



$2 \times 7 =$

$4 \times 3 =$

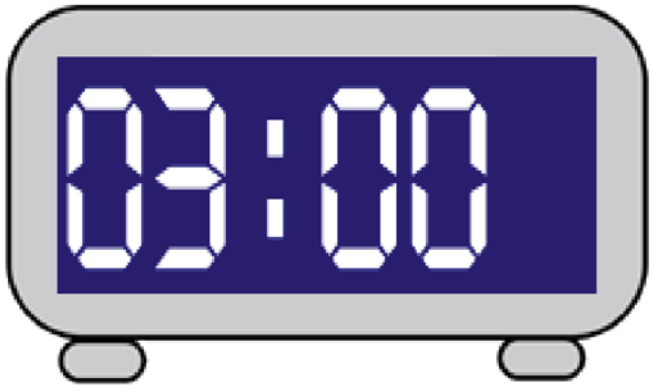
$8 \times 5 =$

$3 \times 9 =$

491

- Ten more…
- Ten less …
- One more …
- One less…
- 100 more
- 100 less

Review
Write the digital times



I will know how to tell the time using 'minutes to' on a digital clock

Star Words

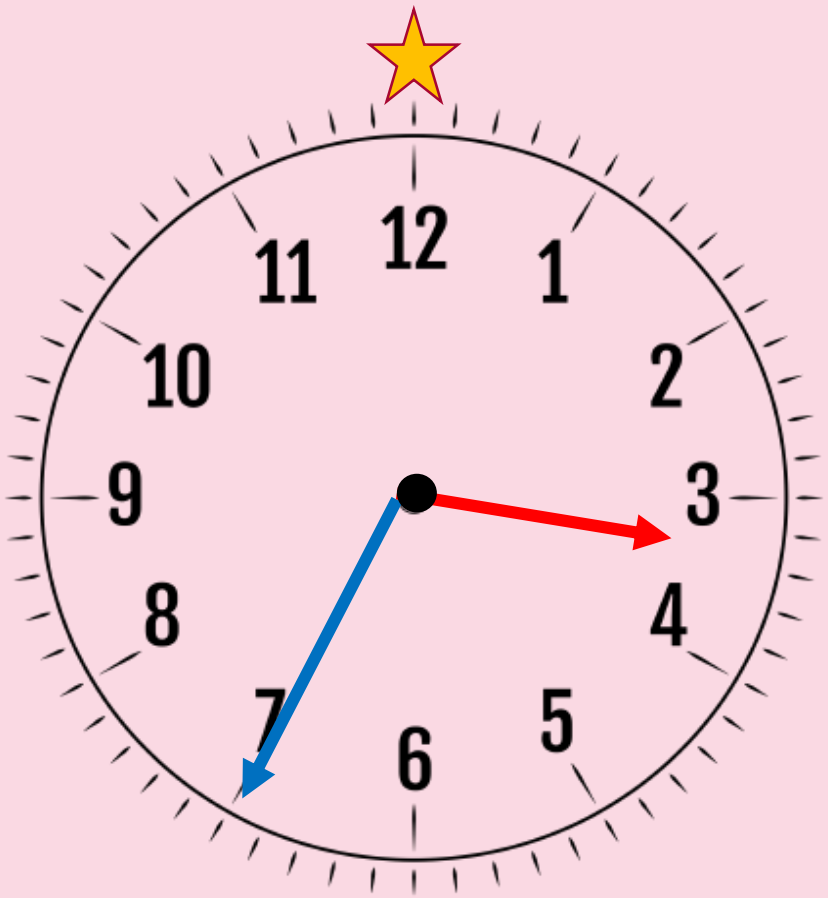
digital format

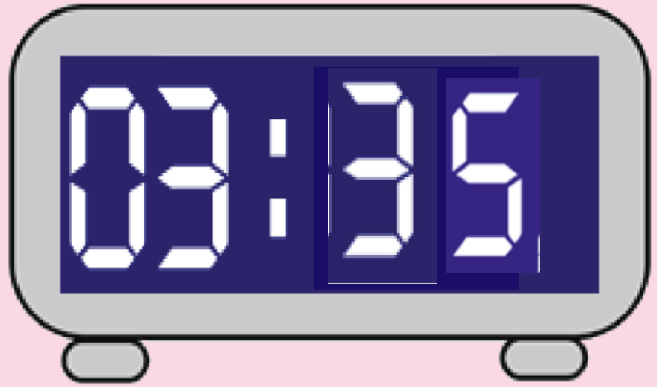
colon

:

minutes to

How does the time on the analogue and digital clock compare?





? *What is the same?*

? *What is different?*

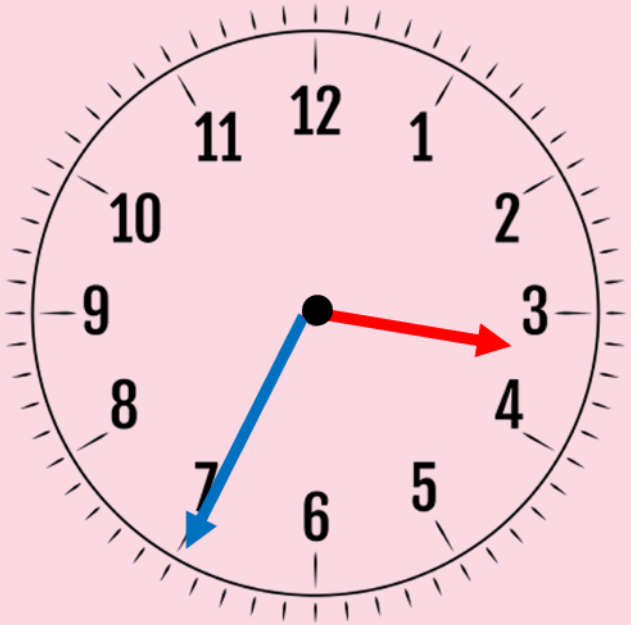
New Learning

REMEMBER

Which digits show the hours?

Which digits show the minutes?

HH MM

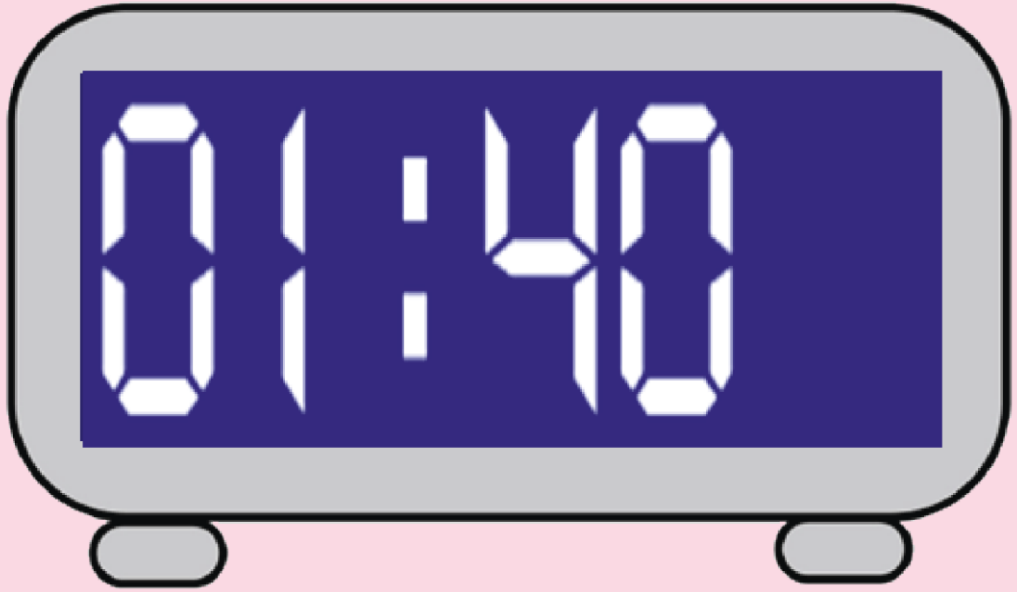


So the hour is still 3.

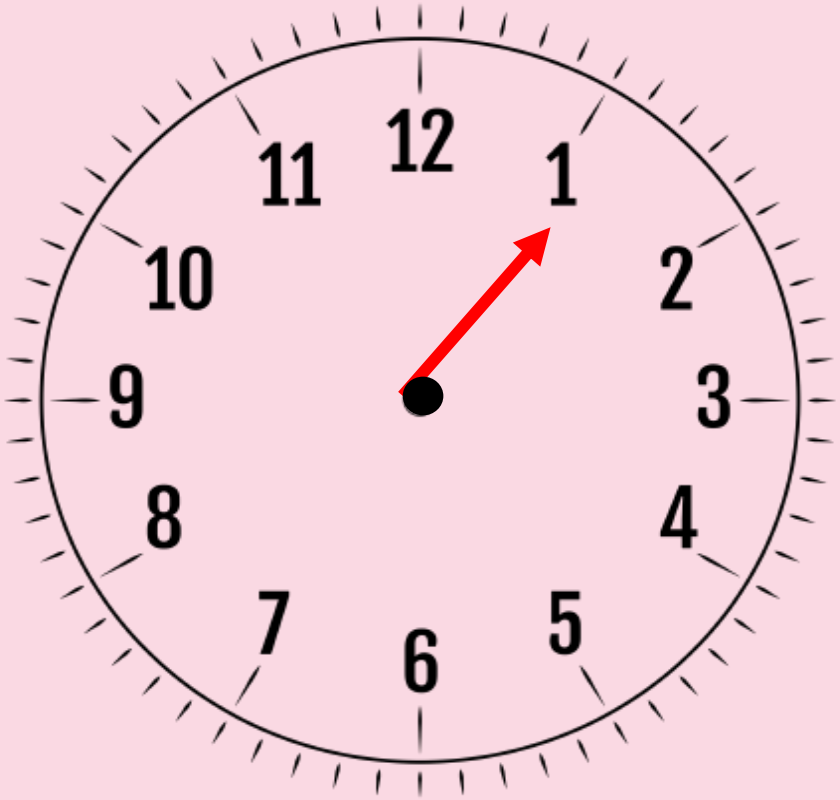
The digital time always show the minutes past the hour.

So this shows 35 minutes past the hour of 3.

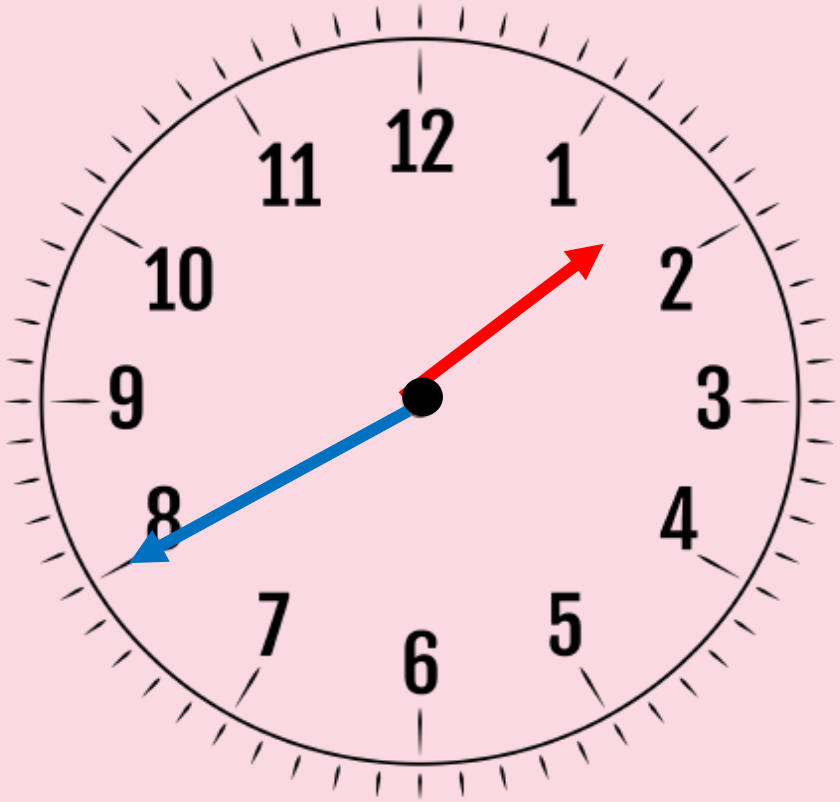
What's the time?



How could we use the analogue clock to help us work out the correct time?



The hour is one

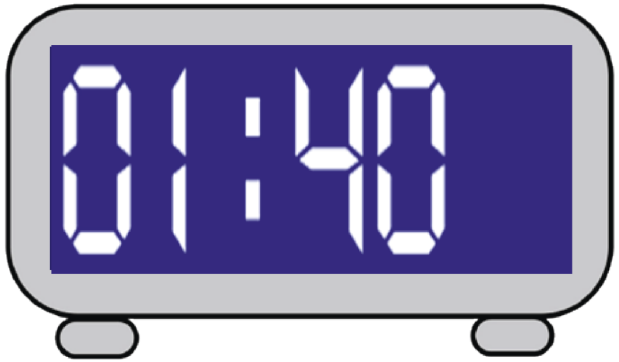


The minutes are 40

We do

The hours reads……
The minutes read…….

You do



The hours reads……
The minutes read…….

Assignment

Go and find your assignment in the general folder.

Choose your chilli.

Click the Editing button so you can type straight onto your task sheet. If you can't write on the assignment sheet you can copy it onto paper and take a photograph of it.