Hello Year 2!

This PowerPoint contains five morning maths and maths sessions for you to complete this week.

Remember you can draw pictures, use part whole models and number lines to help with your working out.

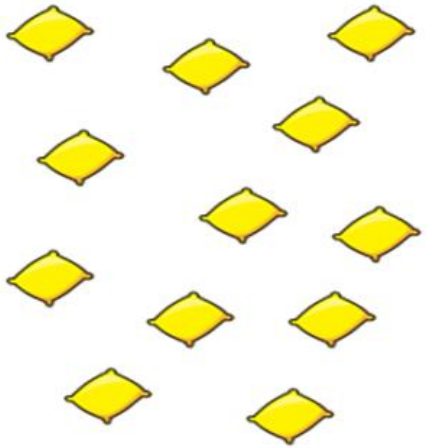
Morning maths

22.6.20

1. 56 – 23 =
2. 38 – 15 =
3. 54 – __ = 40
4. 71 - __ = 41
5. 79 + 11 =
6. 84 +__ = 100
7. 75 + __ = 100
8. 40 + __ = 100

Challenge

How many different ways can you put these beanbags into equal groups?



Write a calculation to represent how you have grouped the bean bags.

Morning maths Answers

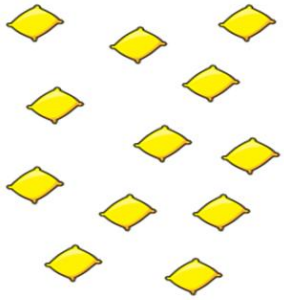
22.6.20

1. 56 – 23 = 33
2. 38 – 15 = 23
3. 54 – 14 = 40
4. 71 - 30 = 41
5. 79 + 11 = 90
6. 84 +16 = 100
7. 75 + 25 = 100
8. 40 + 60 = 100

Challenge

How many different ways can you put these beanbags into equal groups?

6 ways



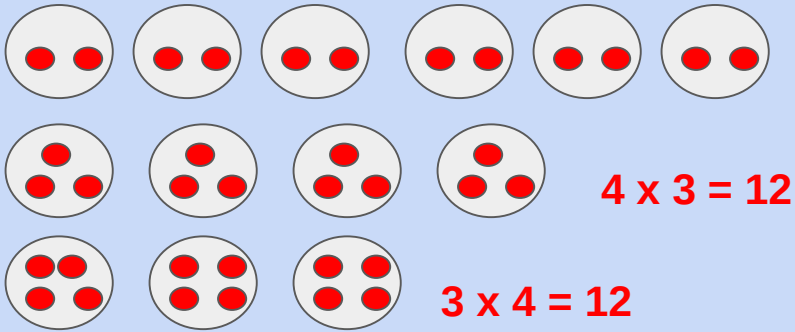
Other answers

12 x 1 = 12

1 x 12 = 12

2 x 6 = 12

6 x 2 = 12



4 x 3 = 12

3 x 4 = 12

Maths

Monday 22th June

St Catherine's Classroom Beliefs

- Mistakes are valuable.
- Everyone can learn maths to the highest level.
- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.

St Catherine's
CE PRIMARY SCHOOL

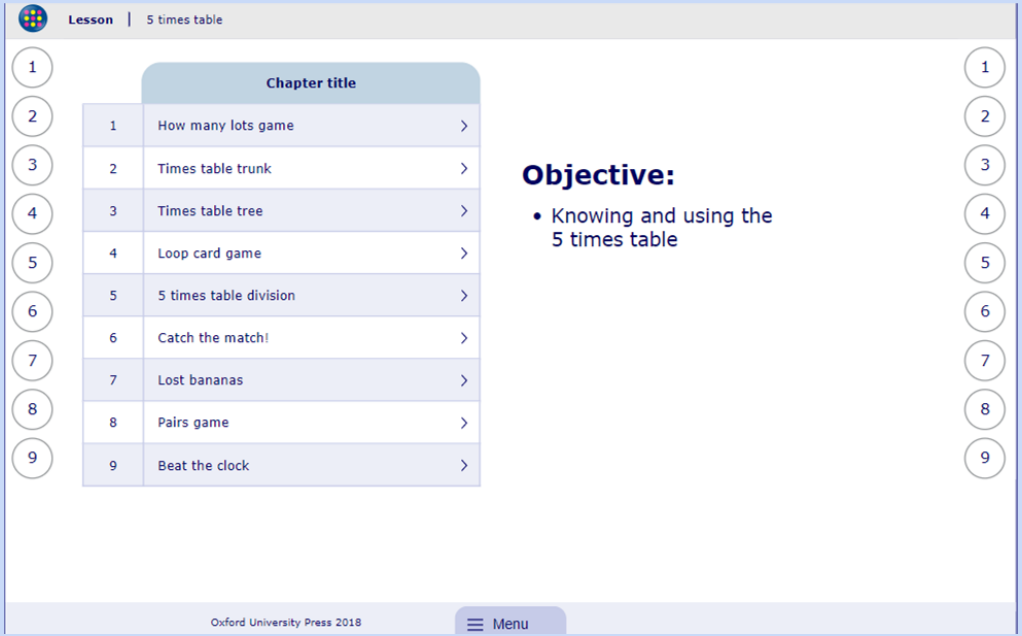
Today’s lesson is focusing on our knowledge of counting in 5s.

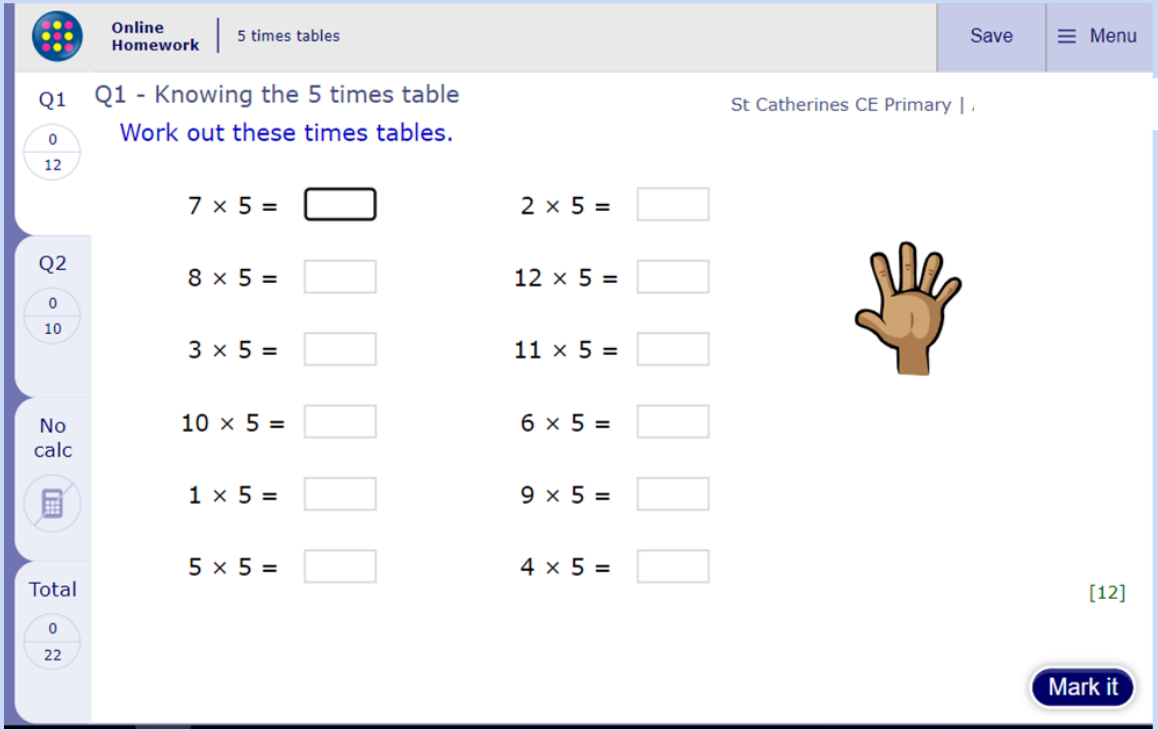
My Maths activity

Lesson: 5 times tables

To start the lesson, click on the image to the right of the screen. This will take you to an interactive lesson.

Click on the next buttons at the bottom of the page to move your learning on and take part in the mini-quizzes along the way to check your understanding.





Now click the image on the left of the screen, this will take you to an online homework where you can test your understanding.

Have a go at the questions and then click ‘Mark it’ to see how you have go on. Your login details for My Maths were sent home in your first work pack - make sure you log in so we can see how you are getting on.

Task

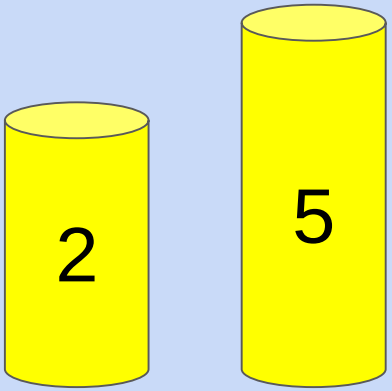
Tubes of tennis balls come in packs of 2 and 5

Whitney has 22 tubes of balls.

How many of each pack could she have?

How many ways can you do it?





Remember to show your working!
You can do this in anyway you want.
For example, you could draw the tubes or write different calculations.

Task Answers

Tubes of tennis balls come in packs of 2 and 5

Whitney has 22 tubes of balls.

How many of each pack could she have?

How many ways can you do it?

1. 2 X 11 = 22 balls

2. 5 X 4 = 20 balls

2 X 1 = 2 balls

20 + 2 = 22 balls

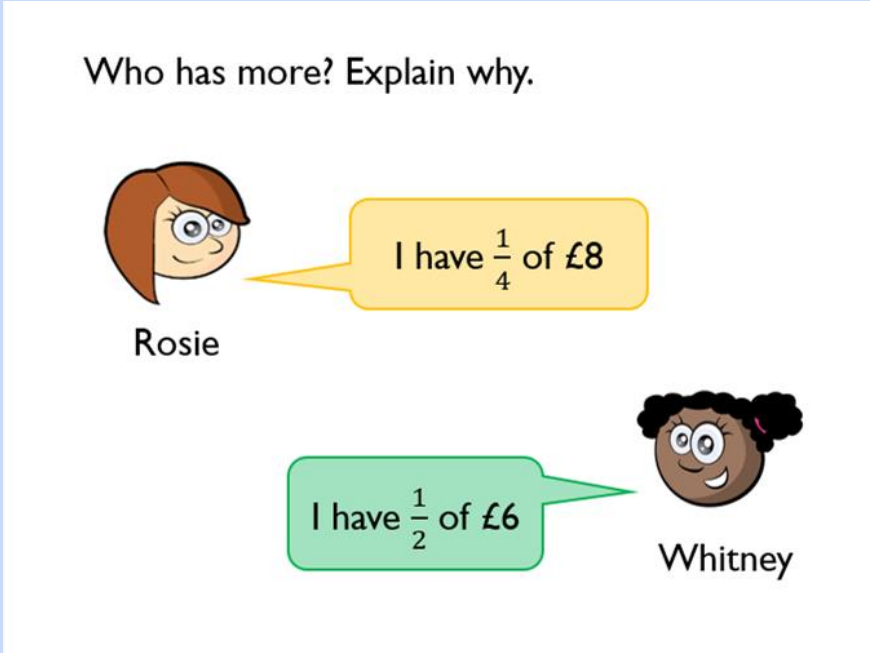
3. 5 5 2 2 2 2 2 2

Morning maths

23.6.20

1. 45 + 2 + 8 =
2. 87 + 20 =
3. 76 = __ + 6 + 30
4. 16 + 8 + 4 =
5. 120 ÷ 10 =
6. 33 ÷ 3 =
7. 6 x 3 =
8. ¼ of 24 =

Challenge



Step 1 - work out how much money Rosie and Whitney have. Draw a picture to help you.
Step 2 - compare the amounts to work out who has the most

Morning maths Answers 23.6.20

1. 45 + 2 + 8 = 55
2. 87 + 20 = 107
3. 76 = 40 + 6 + 30
4. 16 + 8 + 4 = 28
5. 120 ÷ 10 = 12
6. 33 ÷ 3 = 11
7. 6 x 3 = 18
8. ¼ of 24 = 6

Challenge

Who has more? Explain why.



I have $\frac{1}{4}$ of £8

£2

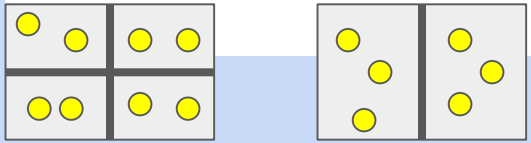
Rosie



I have $\frac{1}{2}$ of £6

Whitney

£3



Whitney has more.

Maths

Tuesday 23rd June

St Catherine's Classroom Beliefs

- Mistakes are valuable.
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- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.

St Catherine's
CE PRIMARY SCHOOL

Starter task...

Compound Time

Put two time words together to make some compound words.

set	bed	some	line	stop
day	after	time	end	
watch	noon	week	time	sun
table	dead	time	birth	

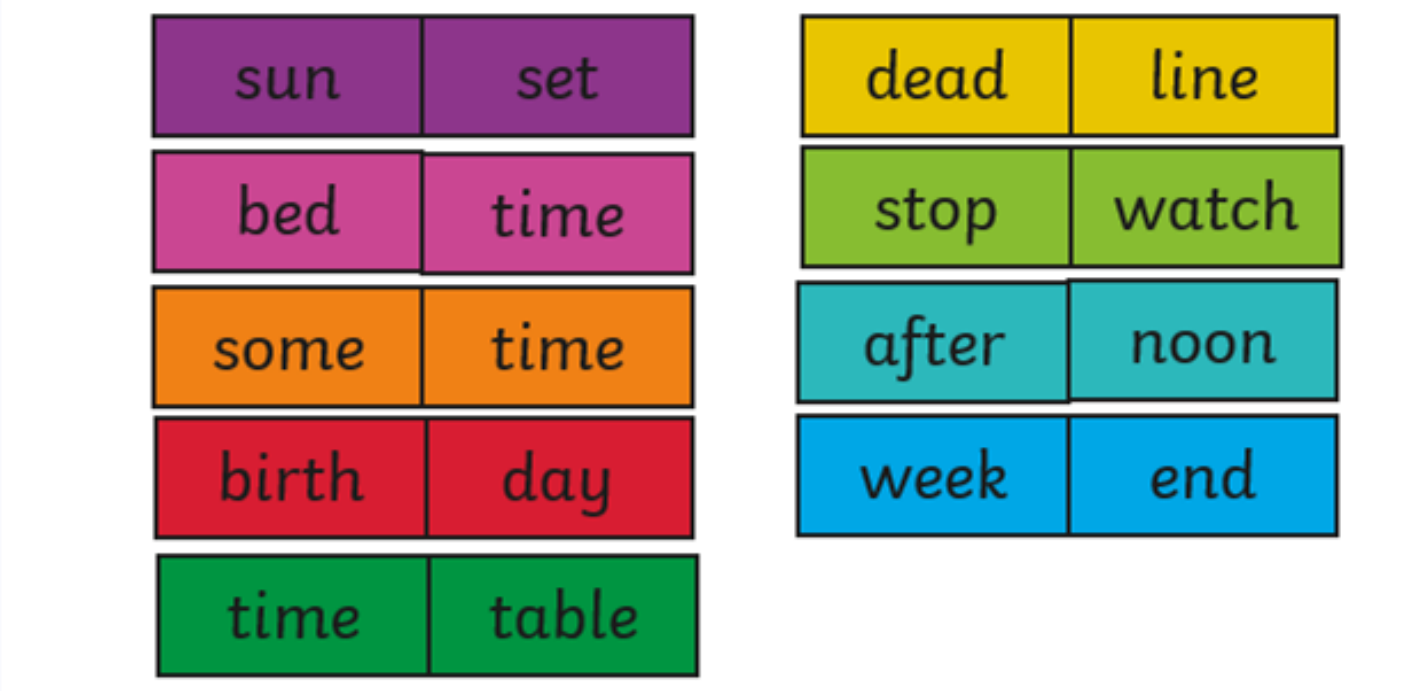
Helpful Hint

A compound word is when two small words are put together to create a new word.

For example, bed + time = bedtime.

Answers

How many compound words did you manage to find?





This week we will be continuing our work on time. Let's start by reminding ourselves how to read the time on an analogue clock.

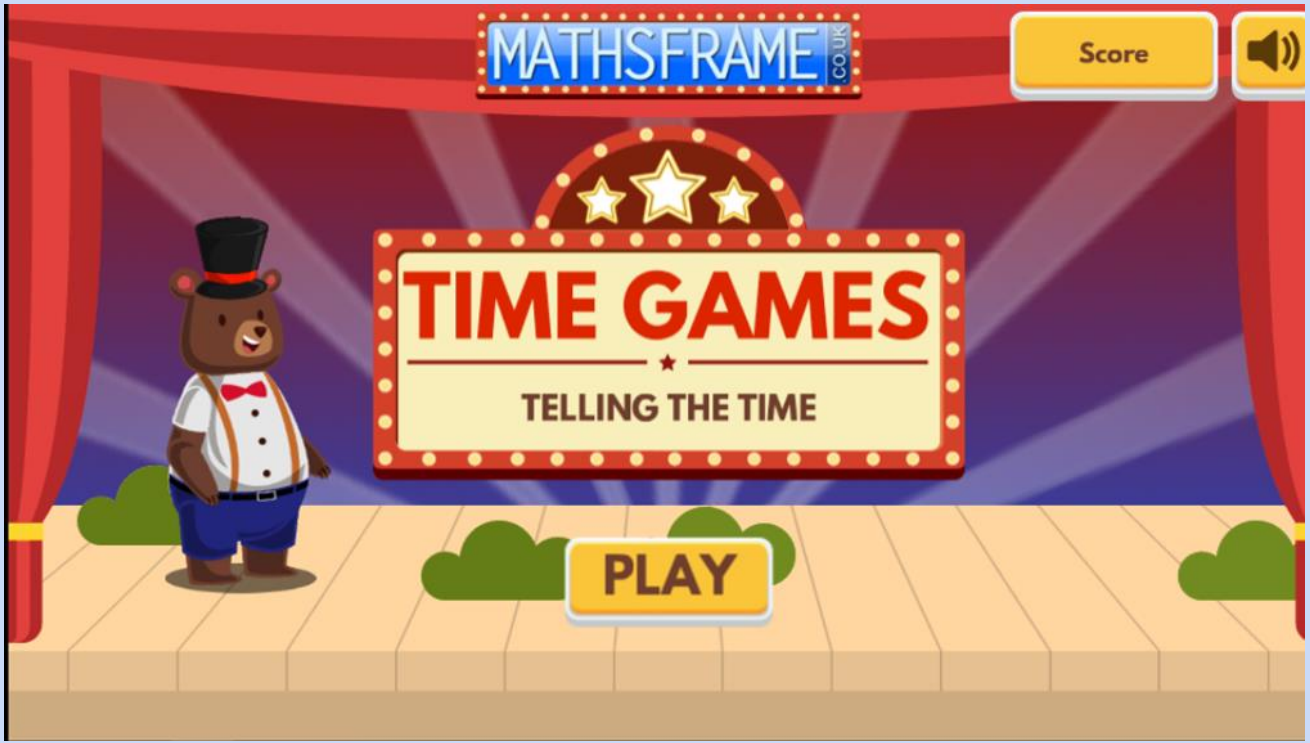
If you made a clock to help you with last week's work, make sure you have it ready.

Here are some links to interactive clocks you could use.

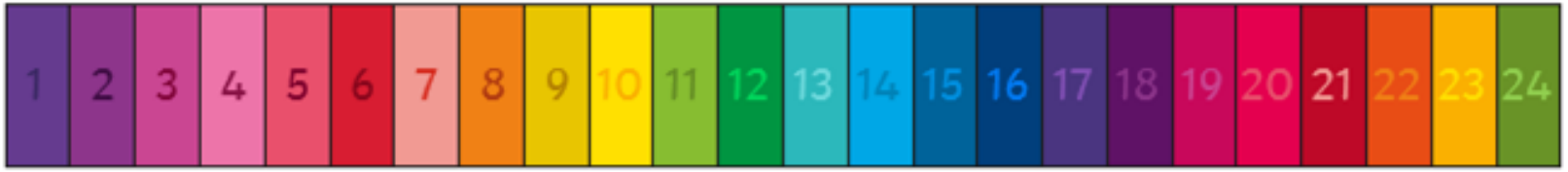
http://www.time.virneth.co.uk/index.php?topic_name=e-clock&page_name=interactive-clock

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

Click the image below to play this time game. You can select the level you begin on and decide whether you want to challenge yourself by playing a timed game.



There are 24 hours in one day.



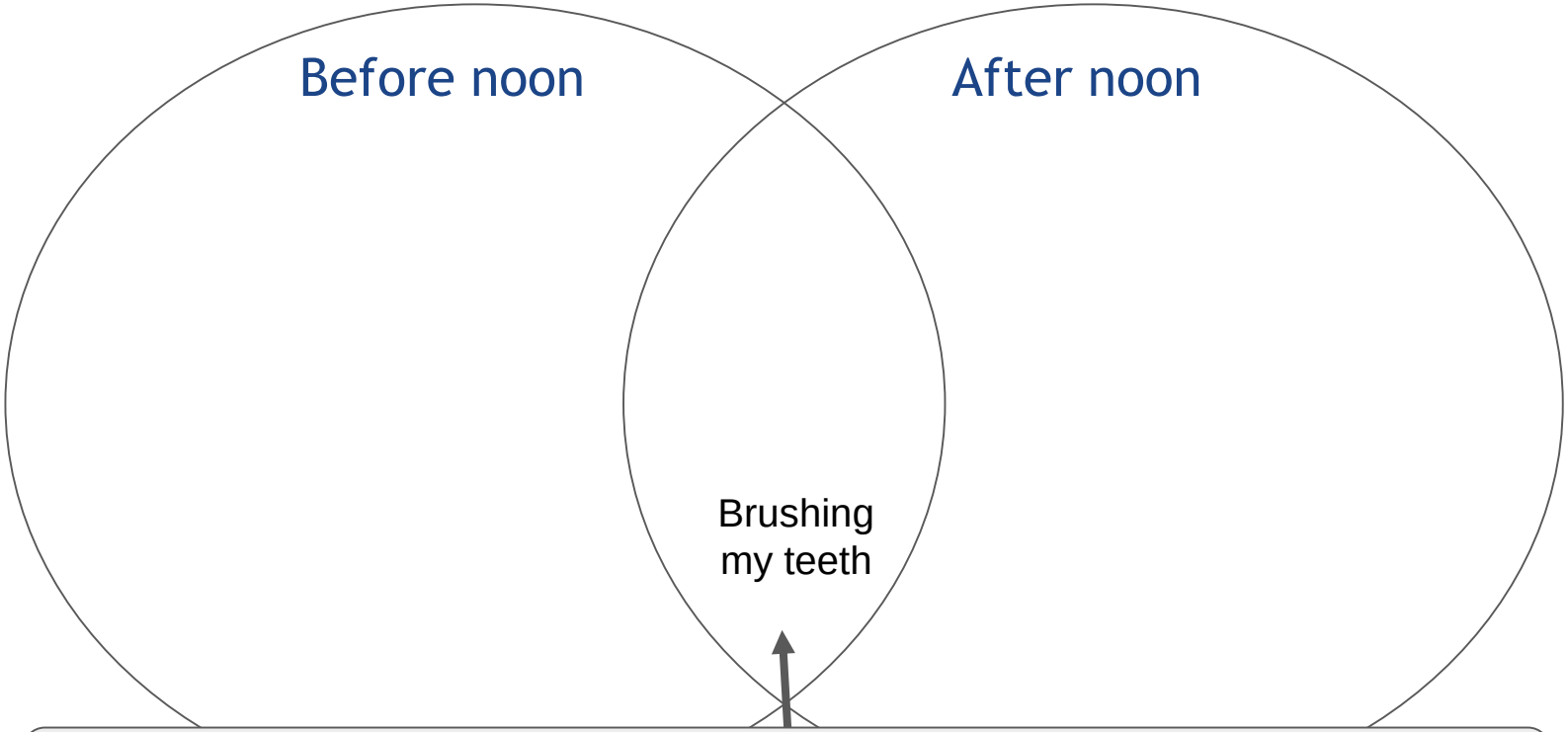
Before noon

After noon

The middle part of the day is known as **noon.**

Noon is 12 o'clock in the day time.

Choose 10 activities you do throughout the day. Sort your chosen activities into those you do before noon and those you do after noon.



If there are any activities you do before **and** after noon, they belong in the middle section of the Venn diagram. One example has been done for you.

Morning maths

24.6.20

1. 23 + 23 =
2. __ + 12 + 8 = 26
3. 41= __ + 10 + 6 + 5
4. ___ = 42 - 12
5. 80 = 10 + 20 + ___
6. ___ - 30 = 76
7. ___ + 90 = 109
8. 8. 54 - ____ =14

Challenge

Which one of these calculations is the odd one out? Can you explain why it is the odd one?

3 x 5 =

4 x 10 =

7 x 3 =

11 x 5 =

Morning maths Answers 24.6.20

1. 23 + 23 = 46
2. 6 + 12 + 8 = 26
3. 41= 20 + 10 + 6 + 5
4. 30 = 42 - 12
5. 80 = 10 + 20 + 50
6. 106 - 30 = 76
7. 19 + 90 = 109
8. 8. 54 - 40 =14

Challenge

Which one of these calculations is the odd one out? Can you explain why it is the odd one?

3 x 5 = 15

4 x 10 = 40

7 x 3 = 21

11 x 5 = 55

4 x 10 could be the odd one out because it is the only one to give an even answer.

7 x 3 could be the odd one out because it has an answer that isn't a multiple of 5.

Maths

Wednesday 24th June

St Catherine's Classroom Beliefs

- Mistakes are valuable.
- Everyone can learn maths to the highest level.
- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.

St Catherine's
CE PRIMARY SCHOOL

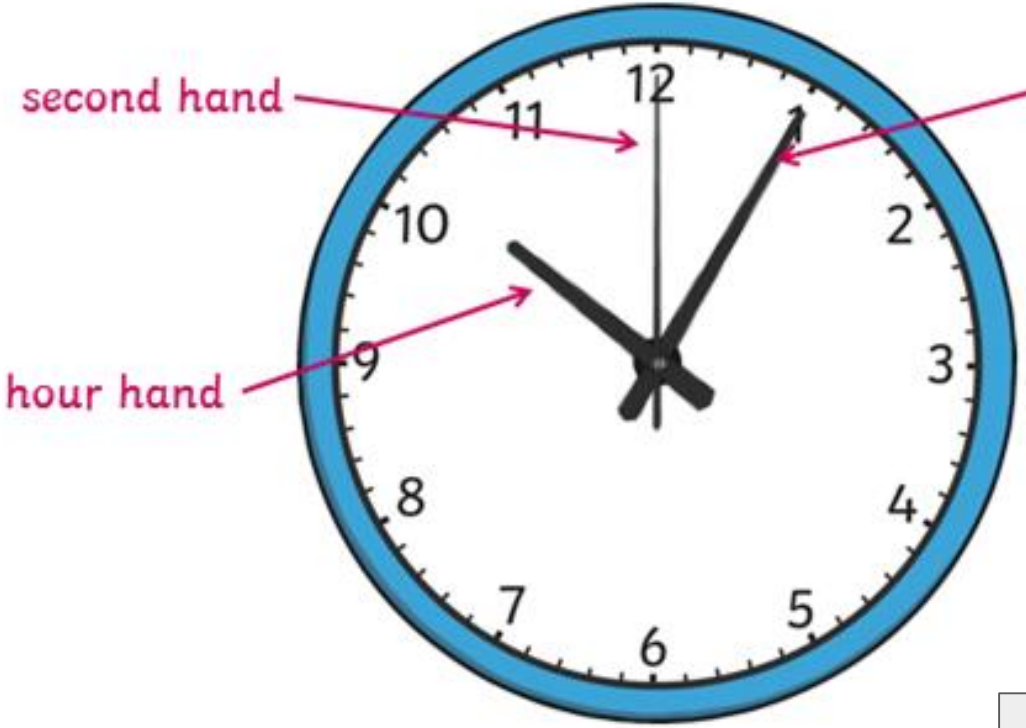
Time is a unit that can be measured.

Time is measured in different units.
It can be measured in:



One way we can measure time is with clocks.

We use seconds, minutes and hours to measure time on a clock.



Which of these hands takes the most time to go the whole way around the clock?

Which takes the least time?

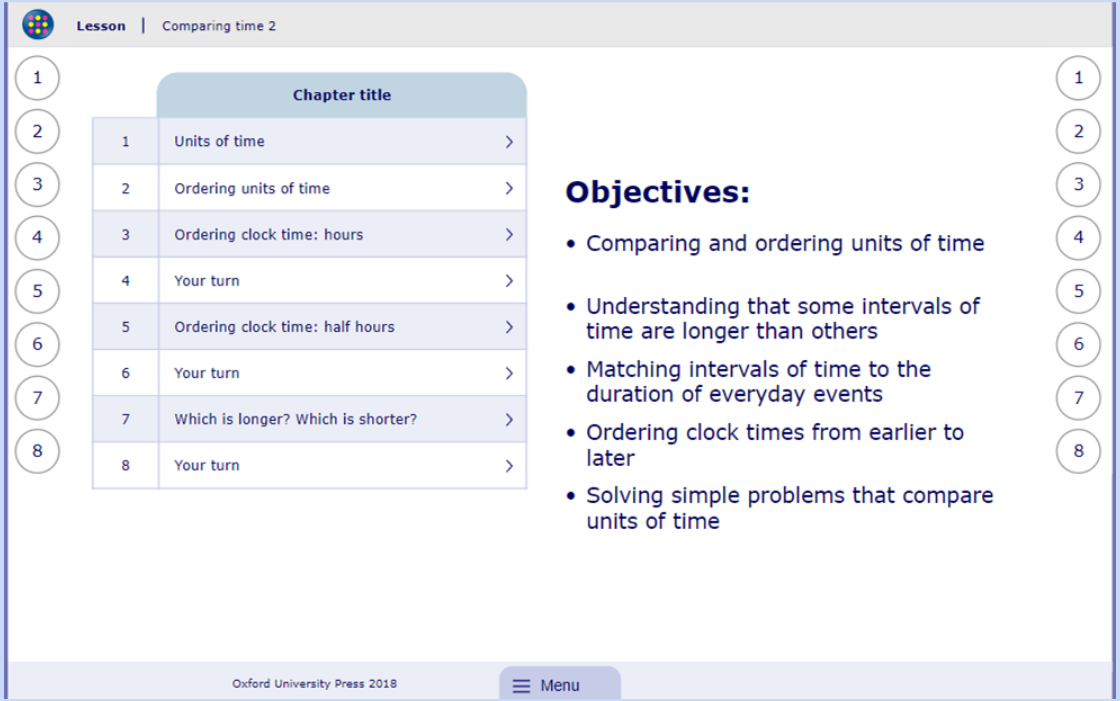
Discuss these questions with someone at home. :)

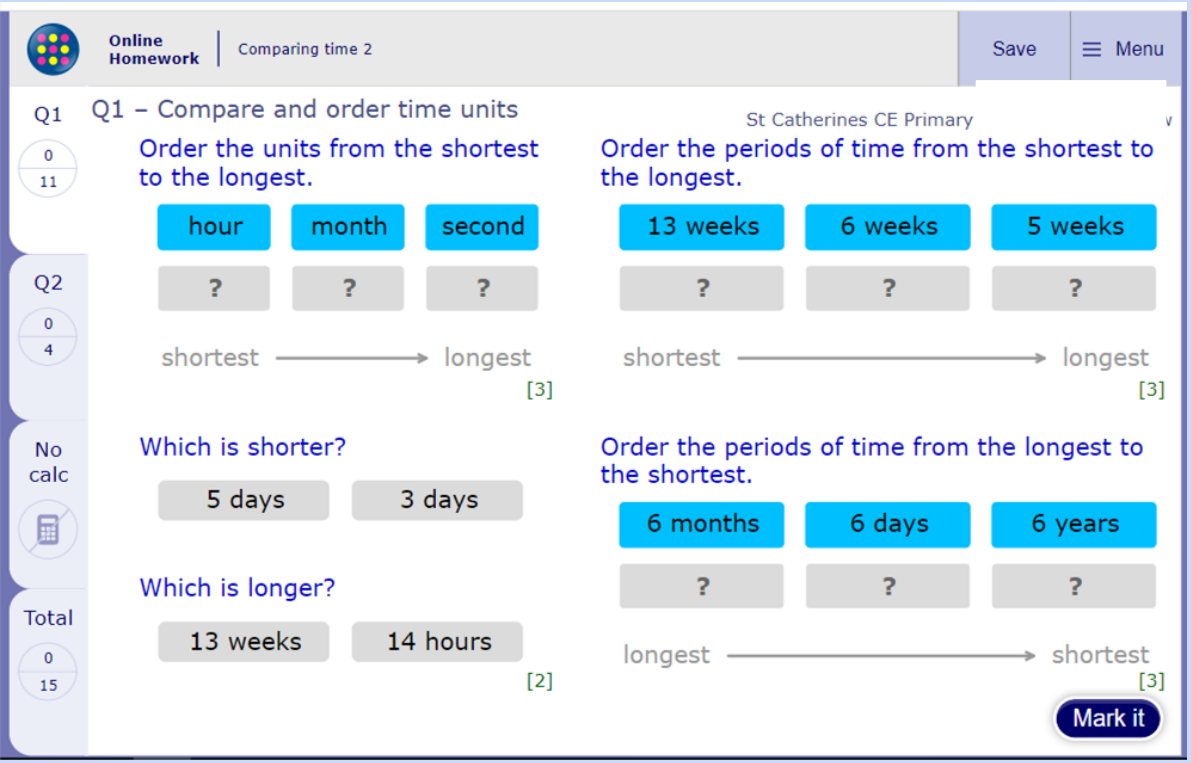
My Maths activity

Lesson: Comparing Time 2

To start the lesson, click on the image to the right of the screen. This will take you to an interactive lesson. This lesson will help the children to order units of time and compare different lengths of time.

Click on the next buttons at the bottom of the page to move your learning on and take part in the mini-quizzes along the way to check your understanding.





Now click the image on the left of the screen, this will take you to an online homework where you can test your understanding.

Have a go at the questions and then click ‘Mark it’ to see how you have go on. Your login details for My Maths were sent home in your first work pack - make sure you log in so we can see how you are getting on.

Activity

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

True	False

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

There are 35 days in 5 weeks.

There are 24 months in 2 years.

Half a day is 13 hours.

2 minutes is 110 seconds long.

Activity Answers

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

True	False
There are 35 days in 5 weeks.	Half a day is 13 hours.
There are 24 months in 2 years.	There are more seconds in a minute than minutes in an hour.
	2 minutes is 110 seconds long.

Morning maths

25.6.20

Handy Hint!

When finding a fraction of an amount, the children are encouraged to draw a rectangle to help them create equal groups..



1. ½ of 12 =
2. ¼ of 60 =
3. ⅓ of 18 =
4. ¾ of 12 =
5. ¾ of 24 =

Challenge

Class 1 and Class 2 were each asked their favourite ice-cream flavours.

Their results are shown in the tally charts.

Class 1	
Flavour	Total
Vanilla	𝍸 𝍸 𝍸
Chocolate	𝍸 𝍸 𝍸 𝍸
Strawberry	𝍸 ||
Mint	|

Class 2	
Flavour	Total
Vanilla	𝍸 𝍸 ||
Chocolate	𝍸 𝍸 𝍸 𝍸
Strawberry	𝍸
Mint	|||

What is the same? What is different?

Write 5 sentences comparing these two tally charts.

Useful vocabulary - more than, less than, same, favourite, most popular, least popular

Morning maths Answers 25.6.20

Handy Hint!
When finding a fraction of an amount, the children are encouraged to draw a rectangle to help them create equal groups..



1. ½ of 12 = 6
2. ¼ of 60 = 15
3. ⅓ of 18 = 6
4. ¾ of 12 = 9
5. ¾ of 24 = 18

Class 1 and Class 2 were each asked their favourite ice-cream flavours.

Their results are shown in the tally charts.

Class 1	
Flavour	Total
Vanilla	𝍸 𝍸 𝍸
Chocolate	𝍸 𝍸 𝍸 𝍸
Strawberry	𝍸 ||
Mint	|

Class 2	
Flavour	Total
Vanilla	𝍸 𝍸 ||
Chocolate	𝍸 𝍸 𝍸 𝍸
Strawberry	𝍸
Mint	|||

Answers could include:

- 15 children like vanilla in class 1.
- The most popular flavour in both classes is chocolate.
- The least popular flavour in both classes is mint.
- 2 more children like strawberry in class 2 than class 1.
- 20 children out of each class voted for chocolate
- 43 children voted altogther in class 1.

Maths

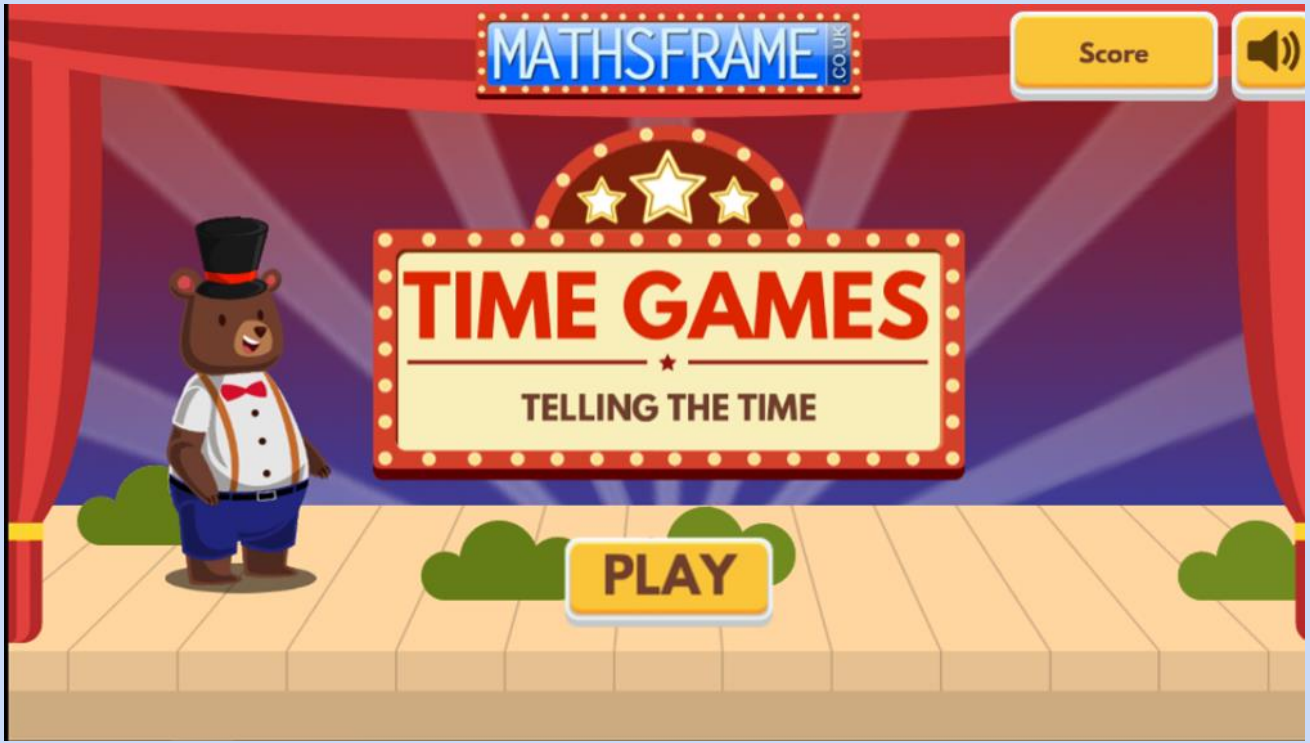
Thursday 25th June

St Catherine's Classroom Beliefs

- Mistakes are valuable.
- Everyone can learn maths to the highest level.
- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.

St Catherine's
CE PRIMARY SCHOOL

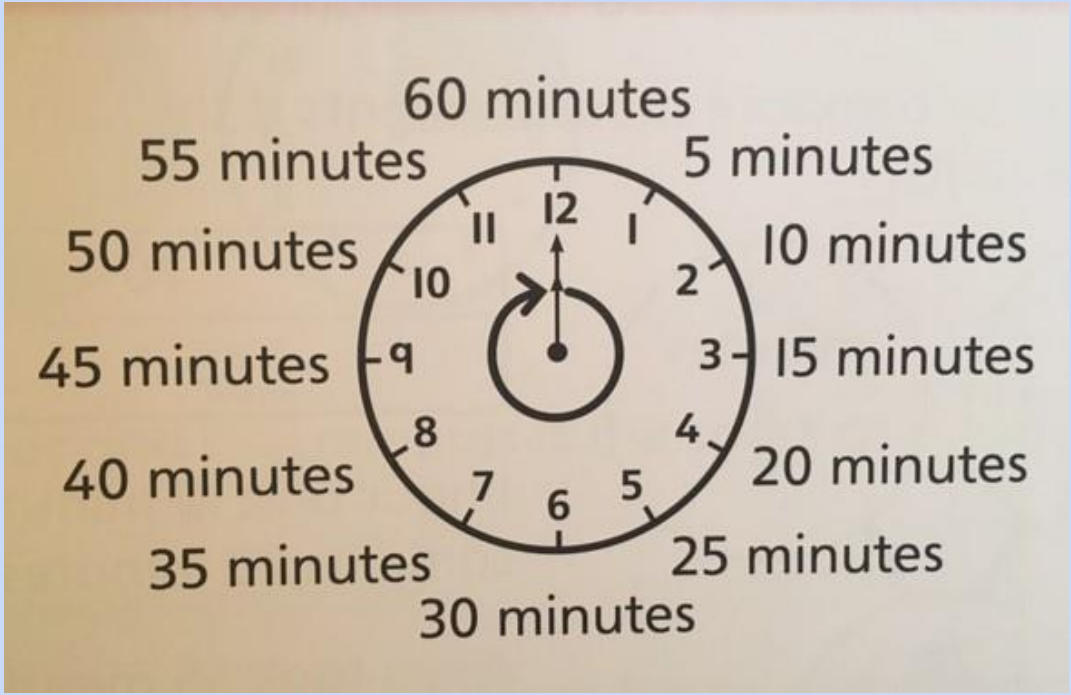
Click the image below to play this time game. You can select the level you begin on and decide whether you want to challenge yourself by playing a timed game.



Important time fact

There are 60 minutes in one hour.

Just take a moment to count round the clock face in 5 minute intervals. This will be useful for the activities we are doing in today's lesson.



Today's time lesson will focus on finding durations of time.

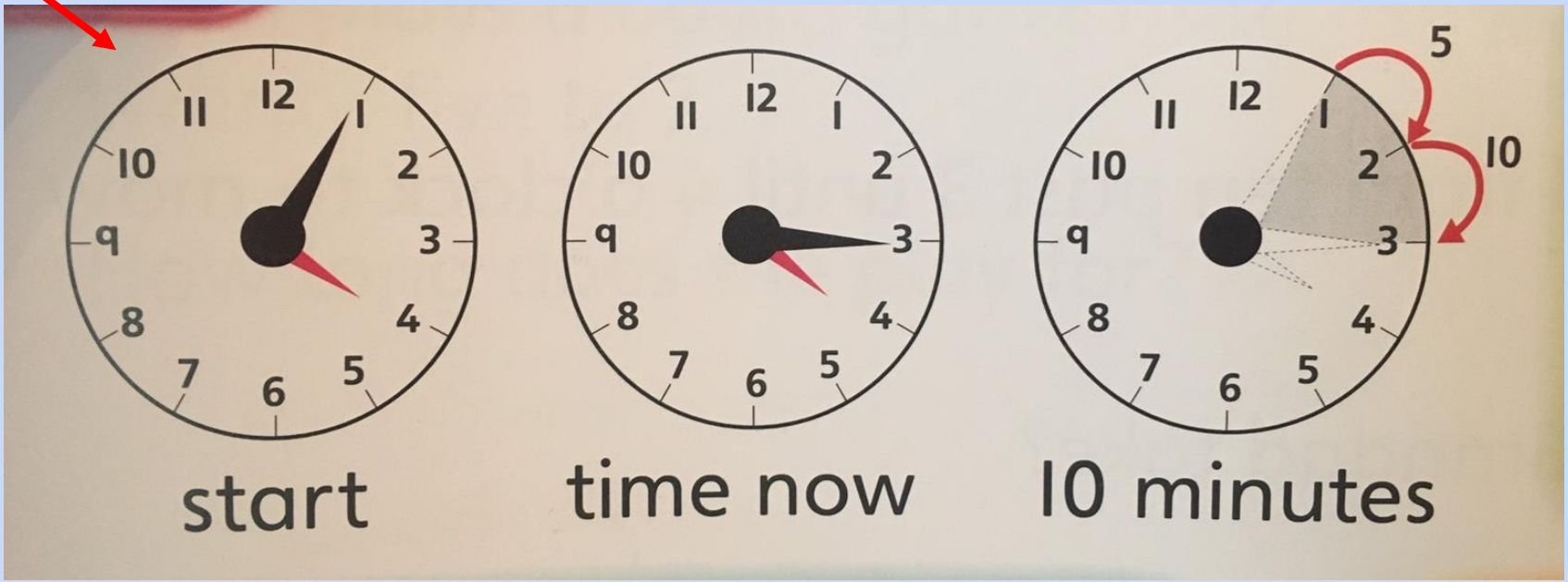


The duration of something is the amount of time it takes.

Let's use this picture as an example. The family have set off on a journey. They left Gran's house at 5 minutes past 4. It is now quarter past four. How long have they been in the car for?

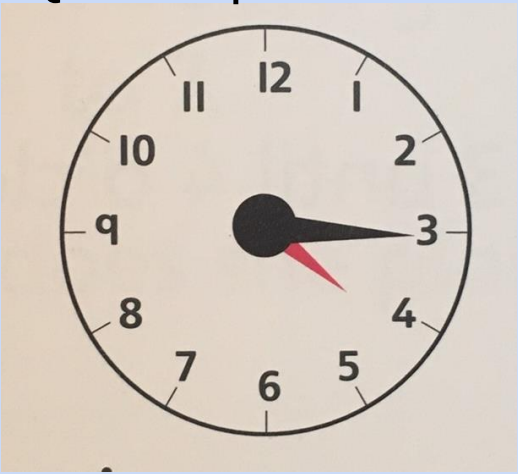
1. To work out the duration of something, you need to begin with the start time. If you have your own clock, set it to 5 minutes past four.

2. We know the time is now quarter past four. Look at how the minute hand moves from the start to the current time. Count round in 5s to work out how many minutes have passed.





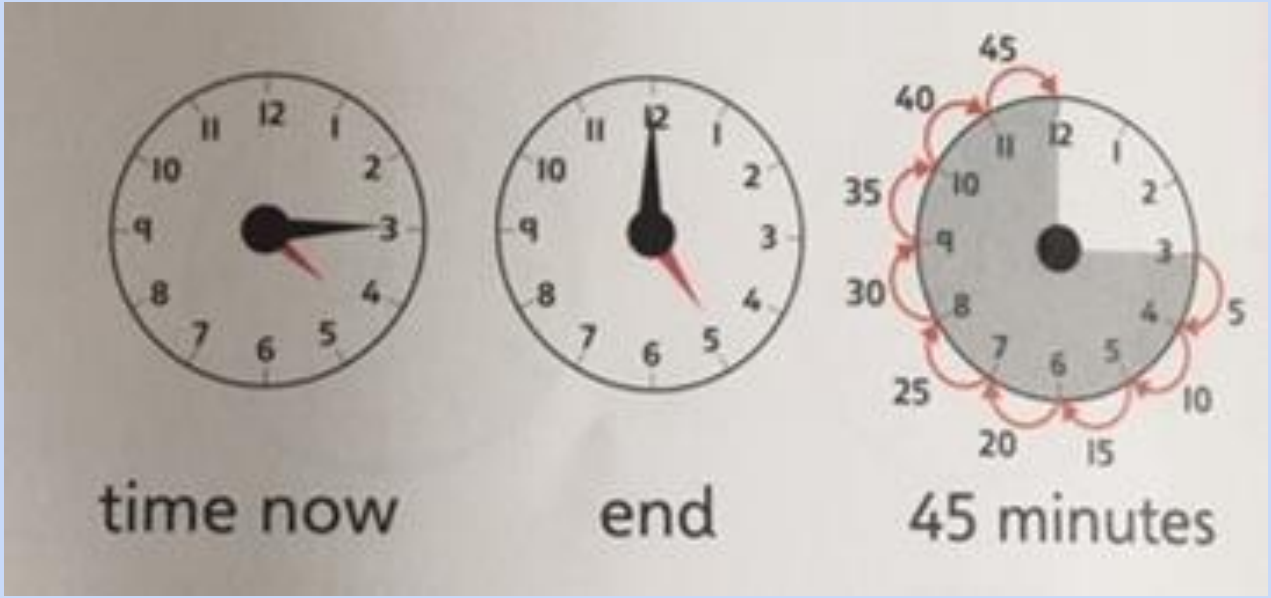
Quarter past four



Let's go back to our car journey problem. It is now quarter past 4.
Gran has said they will arrive at 5 o'clock.
How much longer will it take them to reach their destination?
Use your clock to help you.

*we will look at the answer together on the next slide.

Answer



To find the answer, we have to look carefully at the minute hand. It might help you to move the minute hand around the clock as you count in 5's.

They have 45 minutes left of their journey.

What's the Duration?

Cut and glue the correct time duration to the event.

1. How long is a school day?		
2. How many days in a week?	Monday 	
3. How many months is summer?		
4. How many days in a weekend?		
5. How many days are there in April?		
6. How many weeks in a fortnight?		

Task

Complete this duration task by coping out the question and writing the correct answer next to it.
Or a copy of this sheet can be found in the maths folder for printing off.

Possible answers...

6 hours	30 days	7 days

2 days	3 months	2 weeks

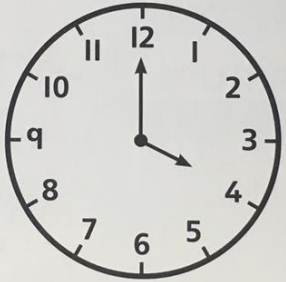
Problem 1

1 It takes Grandad from ten past 3 until 4 o'clock to mow his lawn.

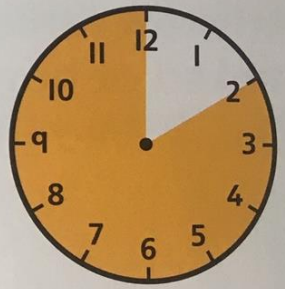
How long does Grandad take?



start



end



☐ minutes

Grandad takes ☐ minutes to mow his lawn.

Problem 2

2 Gran starts gardening at quarter past 3.

She stops at 4 o'clock.

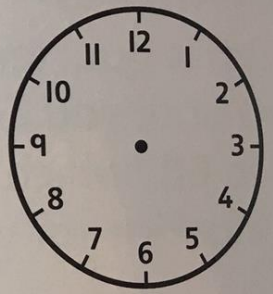
How long does she spend gardening?



start



end



☐ minutes

Gran spends ☐ minutes gardening.

Problem 1 Answer

Check your answers!

1 It takes Grandad from ten past 3 until 4 o'clock to mow his lawn.

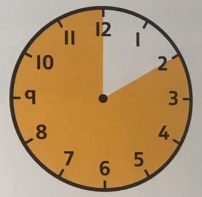
How long does Grandad take?



start



end



50 minutes

Grandad takes 50 minutes to mow his lawn.

Problem 2 Answer

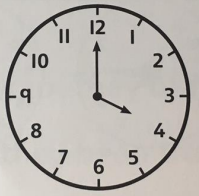
2 Gran starts gardening at quarter past 3.

She stops at 4 o'clock.

How long does she spend gardening?



start



end



45 minutes

Gran spends 45 minutes gardening.

Morning Maths

26.6.20

What can you tell me about the number 90?

Tens and ones

Odd or even?

50 + 5

55

__ + __ + __ =

Draw it.

+ ÷ - x

fractions?

Greater than?
Fewer than?

Maths

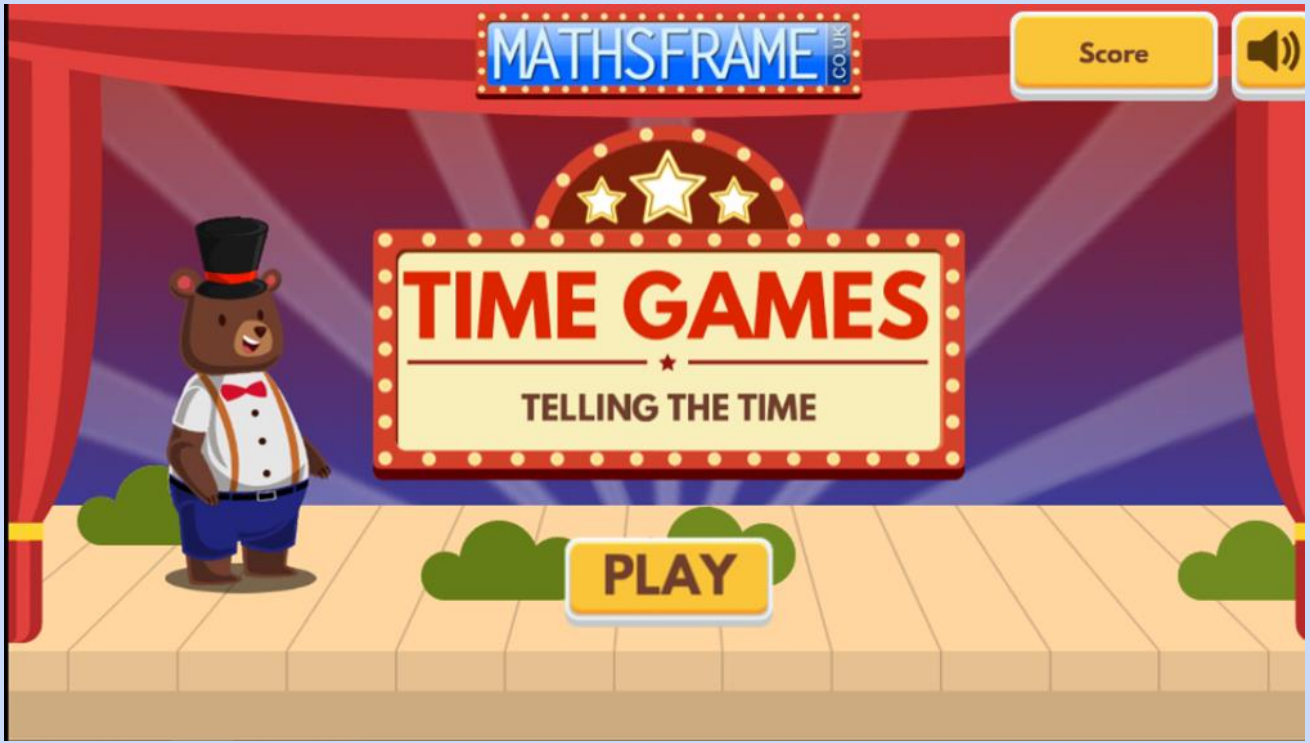
Friday 26th June

St Catherine's Classroom Beliefs

- Mistakes are valuable.
- Everyone can learn maths to the highest level.
- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.

St Catherine's
CE PRIMARY SCHOOL

Click the image below to play this time game. You can select the level you begin on and decide whether you want to challenge yourself by playing a timed game.



These clocks show the start time and finish time of some TV programmes. Can you work out how long they lasted?

Start	Finish	Time Passed	Duration
			
			

*this task is also available as a worksheet. Please find it located in the maths folder.

Answers

Start	Finish	Time Passed	Duration
			15 minutes
			45 minutes

Can you use the information given to find the missing times?

Start	Finish	Time Passed	Duration
			30 minutes
			10 minutes

Answers

			30 minutes
			10 minutes

Activity

To help you time your activities, you might choose to use the second hand on a clock. Or, if parents give you permission, you could use the stopwatch on a mobile phone.

Time yourself and a friend doing these activities and record the times in the table.

Activity	Me	My friend
10 Star jumps		
Write own name 5 times		
Wash your hands with soap **properly** and dry them with a paper towel.		
Put your coat on and zip it up to the top.		
Say the alphabet aloud.		



This box has been left empty so you can select one of your own activity ideas!

We hope you all had fun completing your activities!



Using your results, can you answer these questions?

1. Who was fastest at star jumps?
2. Who said the alphabet the fastest?
3. Who was fastest at putting on their coat?
4. Which activity took the longest for you?
5. Which activity took the longest for your friend?