



**THIRD SPACE**  
LEARNING

# Ready-to-go Lesson Slides

## Year 2

Time

Lesson 4

Sum1

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

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

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

020 3771 0095

[hello@thirdspacelearning.com](mailto:hello@thirdspacelearning.com)

**Boosting maths progress through 1-to-1 conversations...**

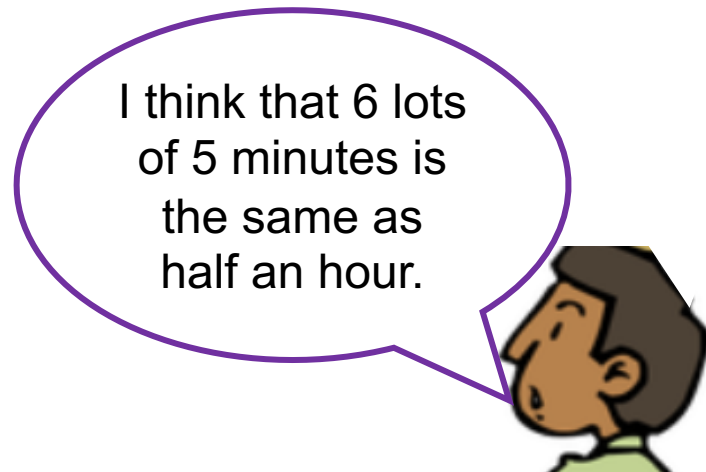


# To learn how many hours are in a day and how many minutes are in an hour

- ☐ I know that there are 24 hours in one day
- ☐ I know that there are 60 minutes in one hour
- ☐ I can convert minutes to hours and minutes

## **Starter:**

Do you agree or disagree with Bishan? Can you explain why?

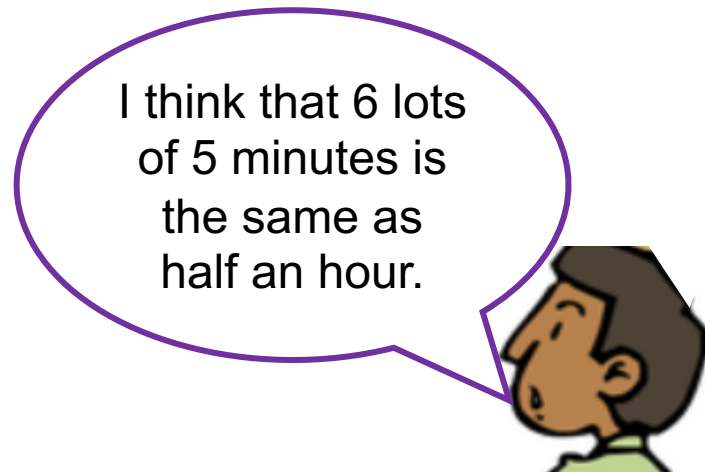


# To learn how many hours are in a day and how many minutes are in an hour

- ☐ I know that there are 24 hours in one day
- ☐ I know that there are 60 minutes in one hour
- ☐ I can convert minutes to hours and minutes

## Starter:

Do you agree or disagree with Bishan? Can you explain why?



Bishan is correct.

6 lots of 5 = 30, so 6 lots of 5 minutes = 30 minutes.

There are 60 minutes in one whole hour.  
There are 30 minutes in half an hour.

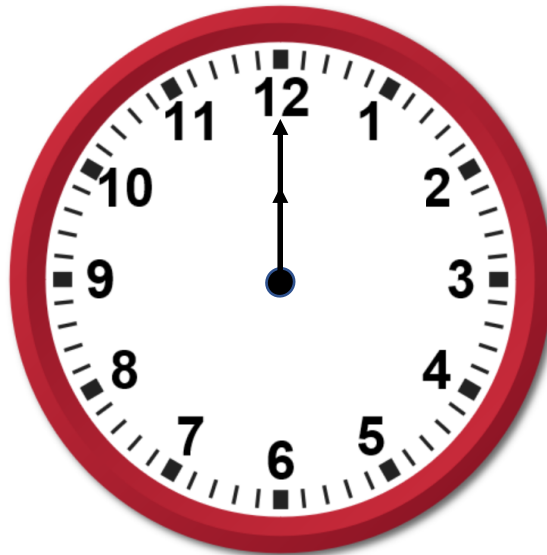
# To learn how many hours are in a day and how many minutes are in an hour

## Talking Time:

Here is a clock showing 12 o'clock midnight.

How many times will the **hour hand** go around the clock in **one full day**?

Can you say why?



### Extension:

How many times will the minute hand go all the way around the clock in one full day?

Can you explain, or show, your answer?

# To learn how many hours are in a day and how many minutes are in an hour

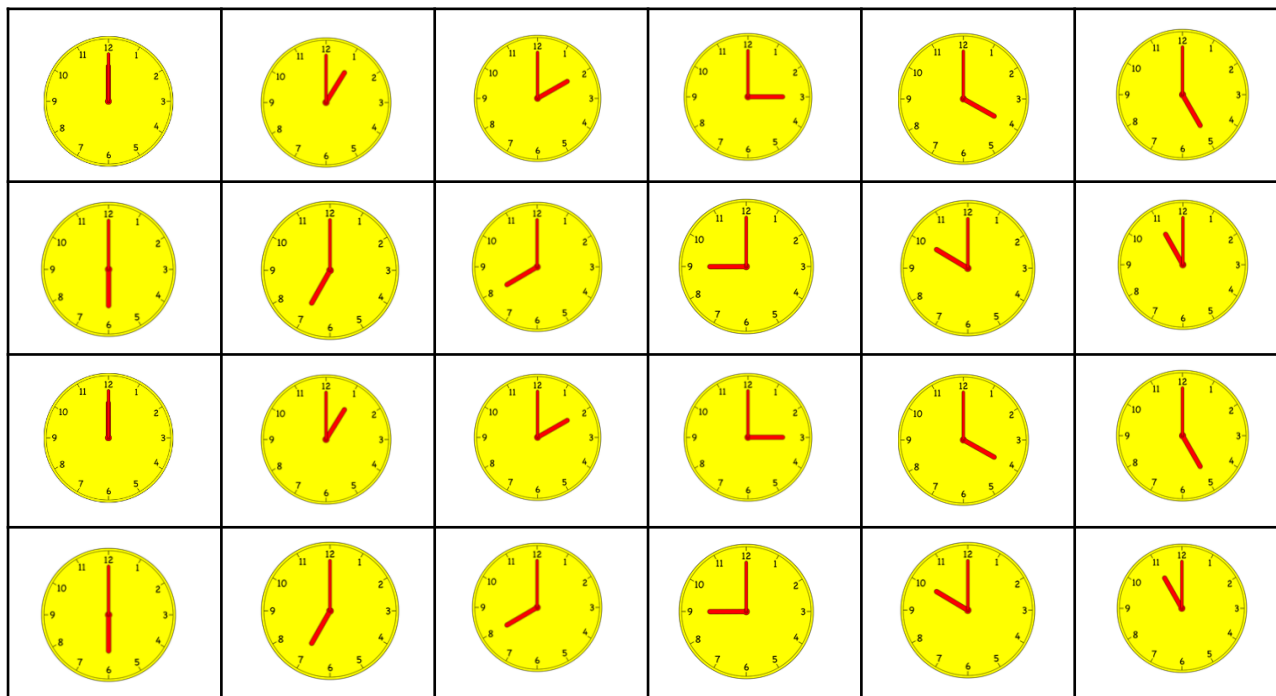
## Talking Time:

Here is a clock showing 12 o'clock midnight.



How many times will the **hour hand** go around the clock in **one full day**? **2 times**

Can you say why? **There are 24 hours in one whole day. 12 hours in the morning and 12 hours after midday to midnight the next day.**



# To learn how many hours are in a day and how many minutes are in an hour

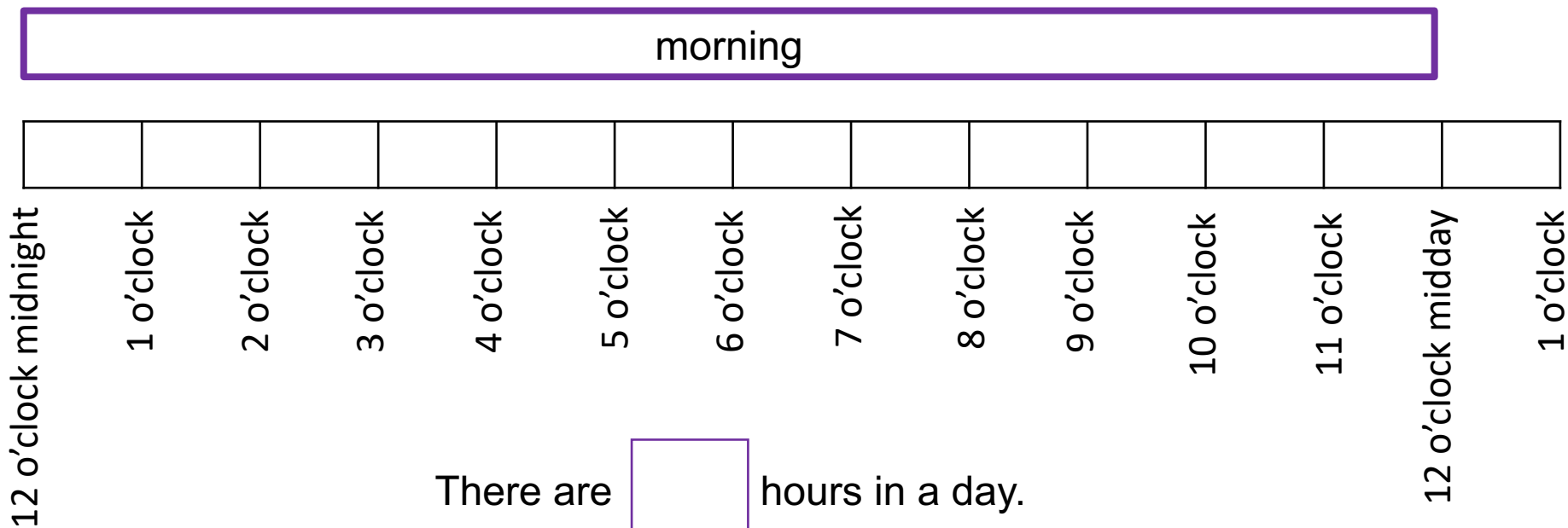
## Talking Time:

Here is part of a timeline for one whole day.

It starts at 12 o'clock midnight and should end at 12 o'clock midnight the next day.

How many hours are missing from the timeline? Why?

Can you also complete the stem sentence below?

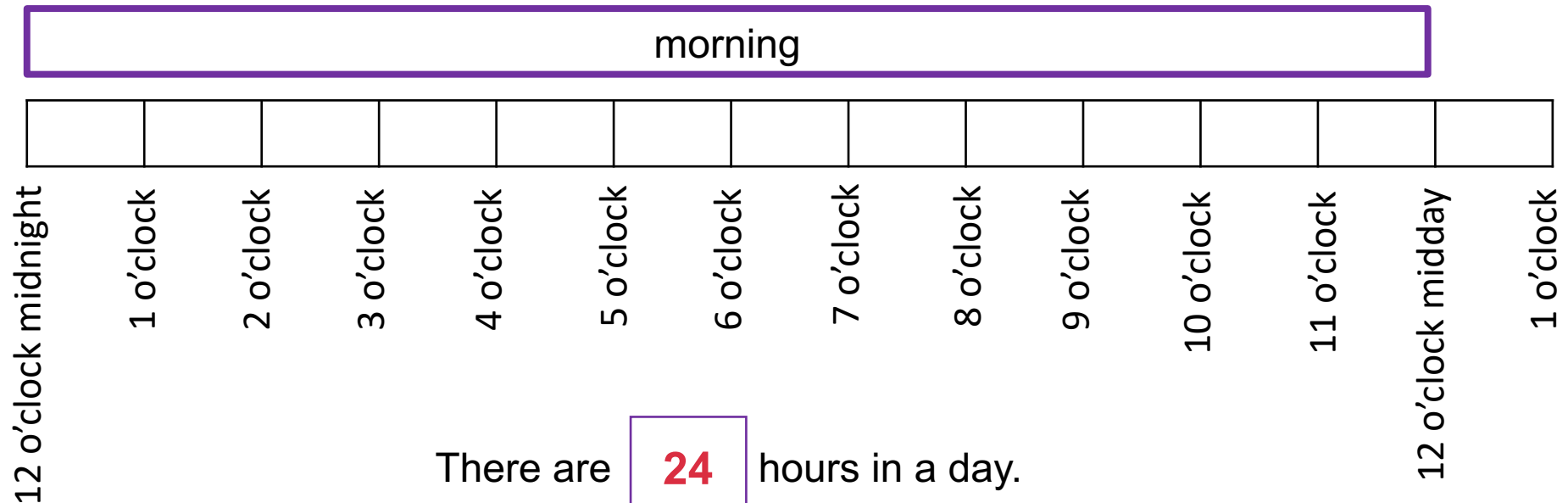


# To learn how many hours are in a day and how many minutes are in an hour

**Talking Time:** Here is part of a timeline for one whole day.

It starts at 12 o'clock midnight and should end at 12 o'clock midnight the next day. How many hours are missing from the timeline? Why? Can you also complete the stem sentence below?

There are 11 hours missing from the timeline. There should be 24 boxes for each hour, and there are only 13 in this timeline.  $13 + 11 = 24$ . 24 hours in one day.





# To learn how many hours are in a day and how many minutes are in an hour

## Activity 1:



Evie has made a mistake.

What does Evie need to know to correct her mistake?



There are only 12 numbers on a clock face, so there can only be 12 hours in one day.

# To learn how many hours are in a day and how many minutes are in an hour

## Activity 1:



Evie has made a mistake.

What does Evie need to know to correct her mistake?



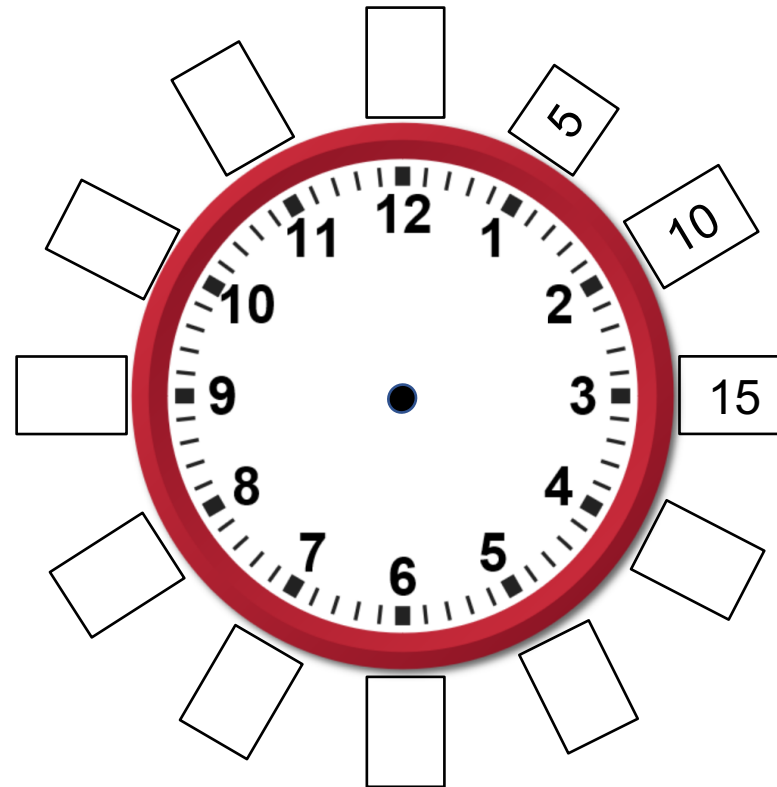
There are only 12 numbers on a clock face, so there can only be 12 hours in one day.

Evie needs to know that there are 24 hours in one whole day because there are 12 hours in the morning and 12 hours after midday to midnight. So, for example, there are two 3 o'clock times or two 6 o'clock times – and so on - in one whole day.

# To learn how many hours are in a day and how many minutes are in an hour

## Talking Time:

Can you finish labelling the clock to show how many **minutes** there **are in 1 hour**?  
Can you complete the stem sentence below?

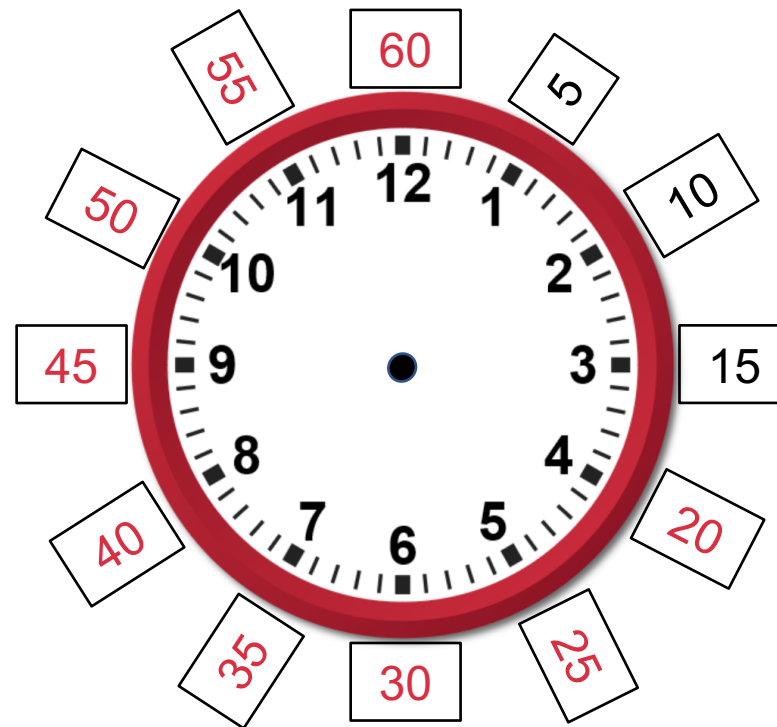


1 hour = \_\_\_\_ minutes

# To learn how many hours are in a day and how many minutes are in an hour

## Talking Time:

Can you finish labelling the clock to show how many **minutes** there **are** in **1 hour**?  
Can you complete the stem sentence below?



1 hour = 60 minutes

# To learn how many hours are in a day and how many minutes are in an hour

## Talking Time:

Can you use the time fact to complete the gaps in the stem sentences below?  
How did you work out the gap in the final stem sentence?

1 hour = 60 minutes

2 hours = \_\_\_\_ minutes

half an hour = \_\_\_\_ minutes

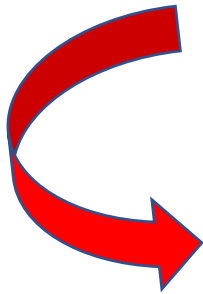
\_\_\_\_\_ hours = 150 minutes

# To learn how many hours are in a day and how many minutes are in an hour

## Talking Time:

Can you use the time fact to complete the gaps in the stem sentences below?  
How did you work out the gap in the final stem sentence?

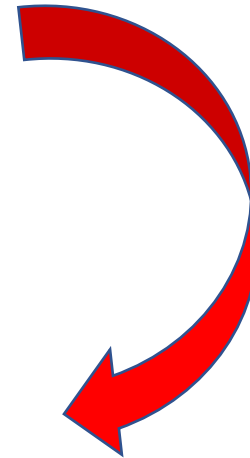
If you add these two together, you will get your answer.



1 hour = 60 minutes

2 hours = 120 minutes

half an hour = 30 minutes



2 and a half hours = 150 minutes

# To learn how many hours are in a day and how many minutes are in an hour

## Talking Time:

Can you use the time fact to complete the gaps in the stem sentences below?  
How might you use the second answer to help you find the third answer?

1 hour = 60 minutes

\_\_\_\_\_ hour = 30 minutes

\_\_\_\_\_ hours = 90 minutes

3 hours = \_\_\_\_ minutes

# To learn how many hours are in a day and how many minutes are in an hour

## Talking Time:

Can you use the time fact to complete the gaps in the stem sentences below?  
How might you use the second answer to help you find the third answer?

If you double the second answer, you will get the third answer.

1 hour = 60 minutes

half an hour = 30 minutes

1 and a half hours = 90 minutes

3 hours = 180 minutes



# To learn how many hours are in a day and how many minutes are in an hour

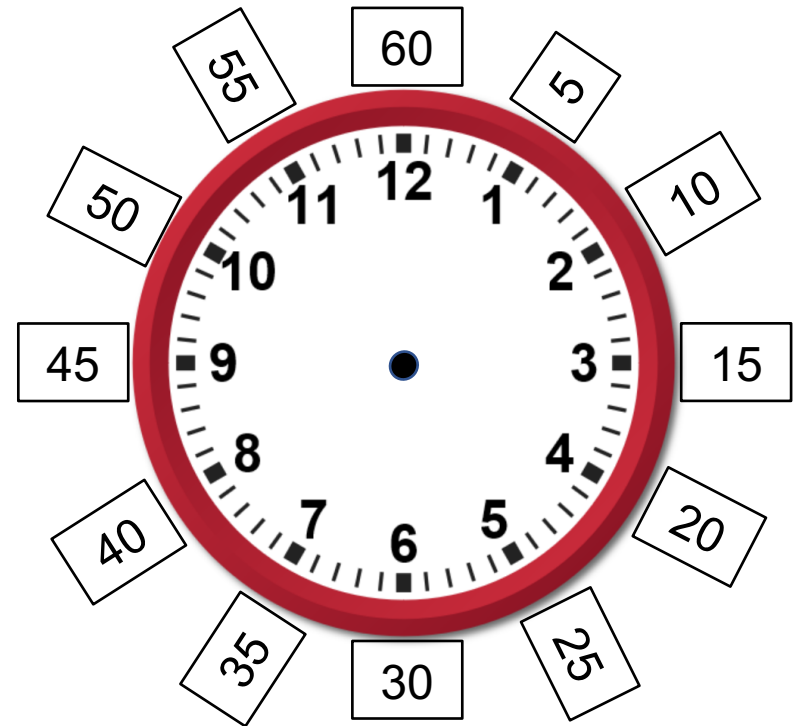
**Activity 2:** Here is the clock from earlier showing how many minutes in one hour.  
If I carried on labelling every 5 minutes, where would I put the labels for:

90 minutes?

120 minutes?

Can you show these labels on the clock?

How did you decide where they should go?



# To learn how many hours are in a day and how many minutes are in an hour

**Activity 2:** Here is the clock from earlier showing how many minutes in one hour.  
If I carried on labelling every 5 minutes, where would I put the labels for:

90 minutes?

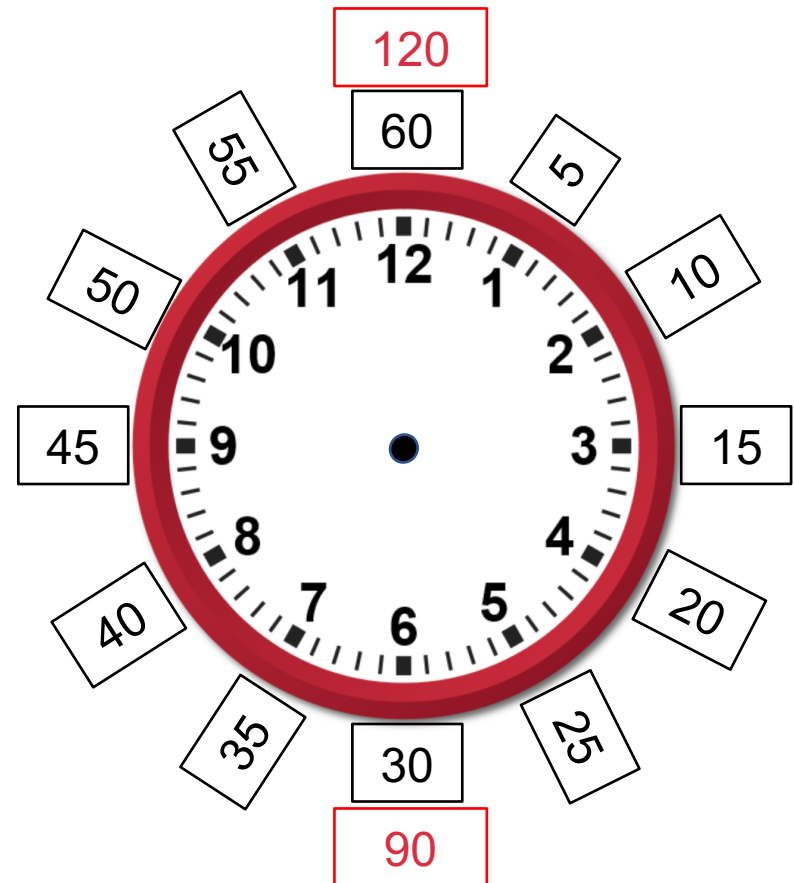
120 minutes?

Can you show these labels on the clock?  
How did you decide where they should go?

90 minutes is the same as 1 and a half hours.

So, one full hour and an extra half an hour.

120 minutes is the same as 2 hours, or twice around the clock for the minute hand.



# To learn how many hours are in a day and how many minutes are in an hour

**Talking Time:** Can you match the bars to the correct times?  
Can you explain your thinking for the last two examples?

60 minutes

1 and a half hours

60 minutes

60 minutes

half an hour



1 hour

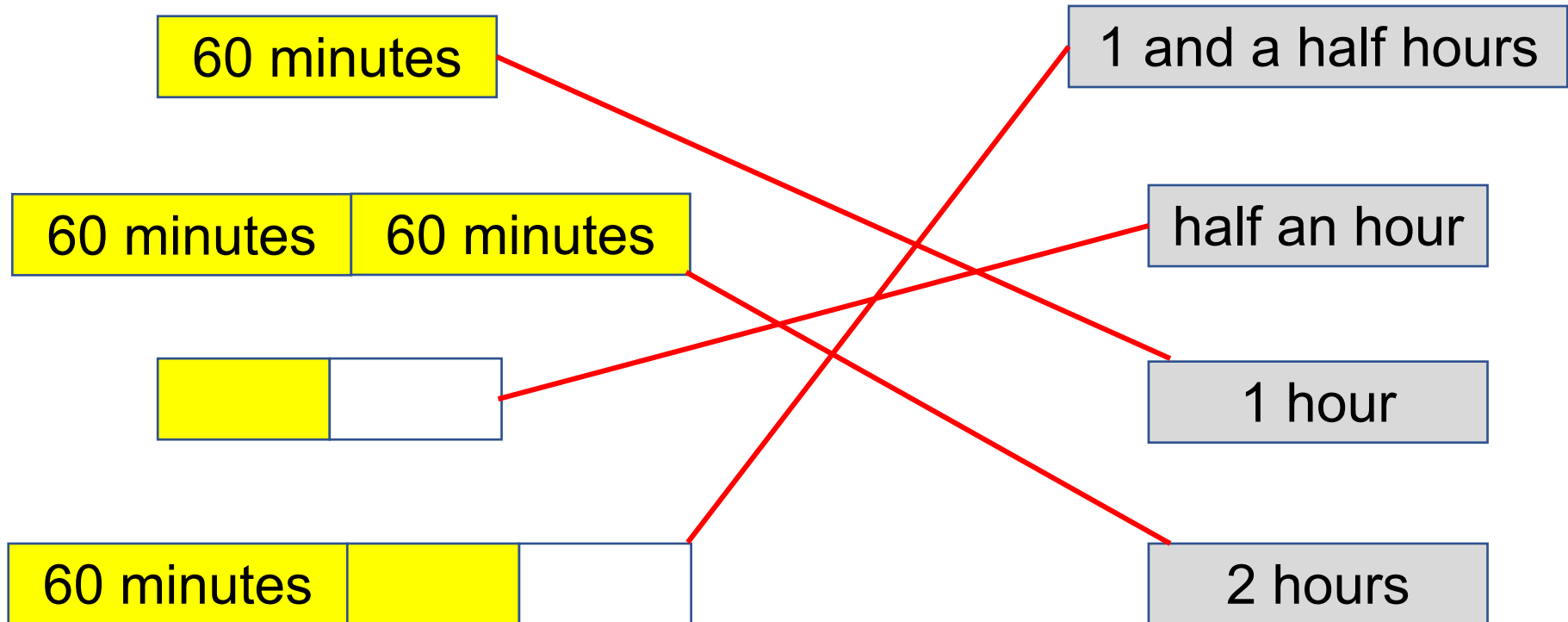
60 minutes

2 hours

# To learn how many hours are in a day and how many minutes are in an hour

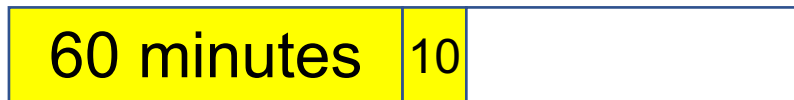
**Talking Time:** Can you match the bars to the correct times?  
Can you explain your thinking for the last two examples?

One full yellow bar is worth 60 minutes, so half the bar is worth 30 minutes, and one-and-a-half bars equals 90 minutes.



# To learn how many hours are in a day and how many minutes are in an hour

**Talking Time:** Can you match the bars to the correct times?  
Can you explain your thinking?



30 minutes



70 minutes



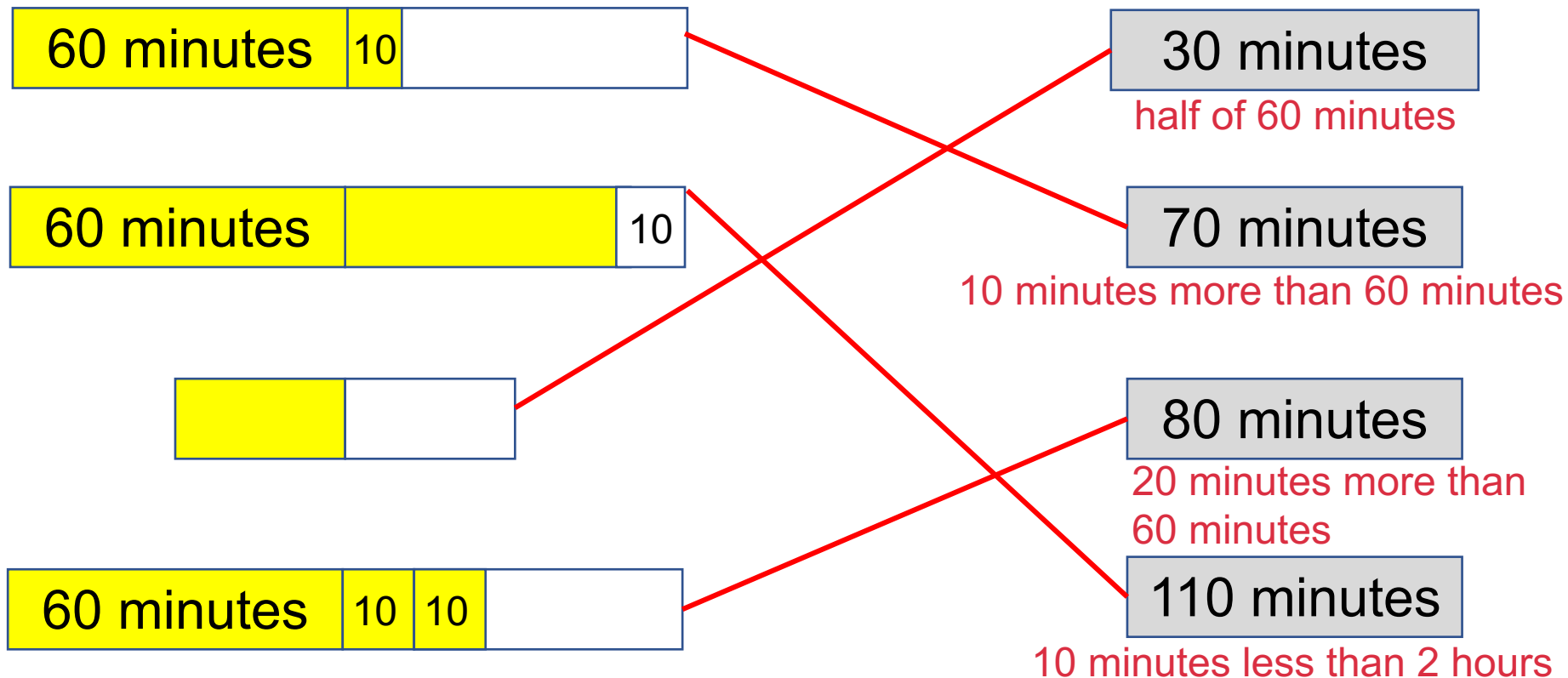
80 minutes



110 minutes

# To learn how many hours are in a day and how many minutes are in an hour

**Talking Time:** Can you match the bars to the correct times?  
Can you explain your thinking?



# To learn how many hours are in a day and how many minutes are in an hour

**Talking Time:** Which time label does not have a bar to match it?  
Can you explain why?

3 hours

60 minutes

60 minutes

60 minutes

100 minutes

60 minutes

10 10

half an hour

120 minutes

# To learn how many hours are in a day and how many minutes are in an hour

**Talking Time:** Which time label does not have a bar to match it?  
Can you explain why?

The 120 minutes label does not have a match of two full yellow bars.

60 minutes    60 minutes    60 minutes

3 hours

60 minutes = 1 hour.  $3 \times 60$  minutes = 3 hours.

60 minutes

10 10

100 minutes

20 minutes fewer than 120 minutes = 100 minutes.

half an hour



60 minutes = 1 hour. 30 minutes = half an hour.

120 minutes



# To learn how many hours are in a day and how many minutes are in an hour

## Activity 3:



Bella is drawing a bar model to show how many half hours there are in three hours.

How many equal bars will Bella need to draw in the second row?  
Can you explain your thinking?

3 hours

# To learn how many hours are in a day and how many minutes are in an hour

## Activity 3:



Bella is drawing a bar model to show how many half hours there are in three hours.

How many equal bars will Bella need to draw in the second row?

**Bella will need to draw 6 equal bars.**

Can you explain your thinking?

**Each bar in the second row will be worth half an hour or 30 minutes.**

**6 lots of half an hour is the same as 6 lots of 30 minutes.**

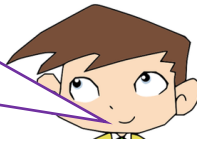
**$30 + 30 + 30 + 30 + 30 + 30 = 180$  minutes or 3 hours.**

3 hours					
half an hour	half an hour	half an hour	half an hour	half an hour	half an hour

# To learn how many hours are in a day and how many minutes are in an hour

- ☐ I know that there are 24 hours in one day
- ☐ I know that there are 60 minutes in one hour
- ☐ I can convert minutes to hours and minutes

There must be 25 hours in a day because I have 25 times in my table.



## Evaluation:

Ollie knows that a day starts at midnight on one day and ends at midnight on the next. He has made a table of all the times that happen in one whole day.

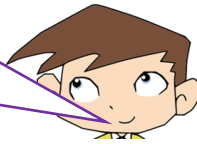
Do you agree with his thinking?

12 o'clock midnight	1 o'clock morning	2 o'clock morning	3 o'clock morning	4 o'clock morning
5 o'clock morning	6 o'clock morning	7 o'clock morning	8 o'clock morning	9 o'clock morning
10 o'clock morning	11 o'clock morning	12 o'clock midday	1 o'clock afternoon	2 o'clock afternoon
3 o'clock afternoon	4 o'clock afternoon	5 o'clock afternoon	6 o'clock evening	7 o'clock evening
8 o'clock night	9 o'clock night	10 o'clock night	11 o'clock night	12 o'clock midnight

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There must be 25 hours in a day because I have 25 times in my table.



## Evaluation:

Ollie knows that a day starts at midnight on one day and ends at midnight on the next. He has made a table of all the times that happen in one whole day.

Do you agree with his thinking?

No. Ollie is nearly right, but he has forgotten that Midnight - in red – starts the second day. It is not part of the first day.




12 o'clock midnight	1 o'clock morning	2 o'clock morning	3 o'clock morning	4 o'clock morning
5 o'clock morning	6 o'clock morning	7 o'clock morning	8 o'clock morning	9 o'clock morning
10 o'clock morning	11 o'clock morning	12 o'clock midday	1 o'clock afternoon	2 o'clock afternoon
3 o'clock afternoon	4 o'clock afternoon	5 o'clock afternoon	6 o'clock evening	7 o'clock evening
8 o'clock night	9 o'clock night	10 o'clock night	11 o'clock night	12 o'clock midnight

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

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

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

### **Speak to us:**

-  [thirdspacelearning.com](https://thirdspacelearning.com)
-  0203 771 0095
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