

# Discussion Problems

## Step 3: Telling the Time to 5 Minutes

### National Curriculum Objectives:

Mathematics Year 2: (2M4a) [Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times](#)

### About this resource:

This resource has been designed for pupils who understand the concepts within [this step](#). It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

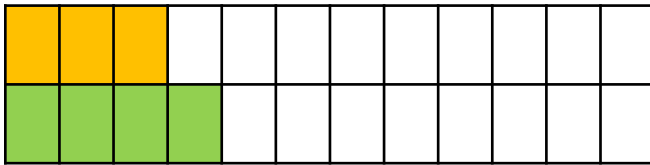
We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More [Year 2 Time](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

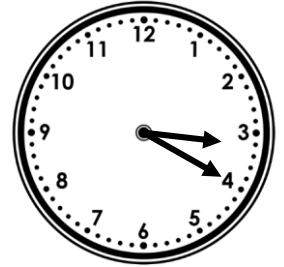
# Telling the Time to 5 Minutes

1. David has created a model to show telling the time to 5 minutes.



hours

5 minute intervals



Twenty  
minutes to 6

Ten minutes  
past 11

Half past 8

Using David's model, represent the times above.

Think of your own times for your friend to represent in the same way.

DP

2. It is sports day at Hightop Primary School. There are 4 classes and 5 different activities. Each class must wait until the previous class have finished all their activities before they can start, and classes take their turn in order.

Each activity last for 5 minutes and the activities start at quarter past 10.



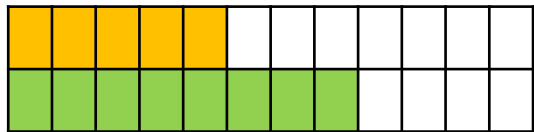
At what time will class 4 finish the final activity?

If there were only 3 classes but 7 activities, at what time will class 3 finish the final activity?

DP

# Telling the Time to 5 Minutes

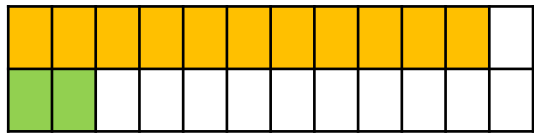
1. David has created a model to show telling the time to 5 minutes. Using David's model, represent the times above.



hours

5 minute intervals

**Twenty minutes to 6**



hours

5 minute intervals

**Ten minutes past 11**



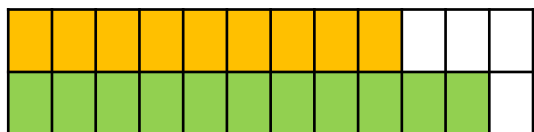
hours

5 minute intervals

**Half past 8**

Think of your own times for your friend to represent in the same way.

Various possible answers, for example;



hours

5 minute intervals

**Five minutes to 10**

DP

2. At what time will class 4 finish the final activity?

Possible representation of answers. Please note, children's answers must be written using analogue times.

	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5
Class 1	10.15	10.20	10.25	10.30	10.35
Class 2	10.40	10.45	10.50	10.55	11.00
Class 3	11.05	11.10	11.15	11.20	11.25
Class 4	11.30	11.35	11.40	11.45	11.50

If there were only 3 classes but 7 activities, at what time will class 3 finish the final activity?

Possible representation of answers. Please note, children's answers must be written using analogue times.

	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6	Activity 7
Class 1	10.15	10.20	10.25	10.30	10.35	10.40	10.45
Class 2	10.50	10.55	11.00	11.05	11.10	11.15	11.20
Class 3	11.25	11.30	11.35	11.40	11.45	11.50	11.55

DP