

Discussion Problems

Step 6: Compare Durations of Time

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](#)

Mathematics Year 2: (2M4b) [Compare and sequence intervals of time](#)

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.

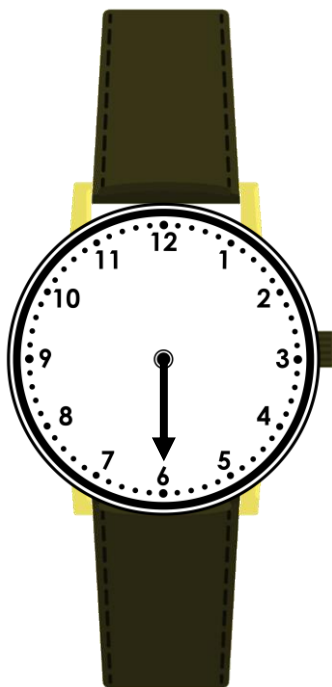
Compare Durations of Time

1. Bob and Ben finish school at 3 o'clock and walk home. Bob gets home later than Ben.

If these are the minute hands on their watches, how is this possible?



Bob's watch



Ben's watch

DP

2. The school show starts at 1 o'clock and finishes at 3 o'clock.

Each performer cannot start until the performer before them finishes.

Performer 3 will get the longest time.

Performer 1 will get the shortest time.

Fill out the order of performance so everyone fits.

How long will each performer get?



Performer	Start time	Finish time
1	1 o'clock	
2		
3	Twenty five minutes to 2	
4		
5		3 o'clock

DP

Compare Durations of Time

1. Bob and Ben finish school at 3 o'clock and walk home. Bob gets home later than Ben.

If these are the minute hands on their watches, how is this possible?

Various possible answers, for example:

Bob takes 2 hours and 15 minutes to get home whilst Ben only takes 1 hour and 30 minutes.



Bob's watch



Ben's watch

DP

2. The school show starts at 1 o'clock and finishes at 3 o'clock.

Each performer cannot start until the performer before them finishes.

Performer 3 will get the longest time.

Performer 1 will get the shortest time.

Fill out the order of performance so everyone fits.

How long will each performer get?

Various possible answers, for example:



Performer	Start time	Finish time
1	1 o'clock	Quarter past 1
2	Quarter past 1	Twenty five minutes to 2
3	Twenty five minutes to 2	Twenty minutes past 2
4	Twenty minutes past 2	Twenty to 3
5	Twenty to 3	3 o'clock

DP