

# Problem 16: Timetable for G Squad

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## Teaching and observation points

- using 24 hour time
- converting between minutes and hours and back
- working systematically to create a time table

**Resources:** Use the *On Parade* slides to introduce the use of the 24-hr clock, the method of grouping the activity times to simplify calculations and the time-line as a way of recording time.

## STAR

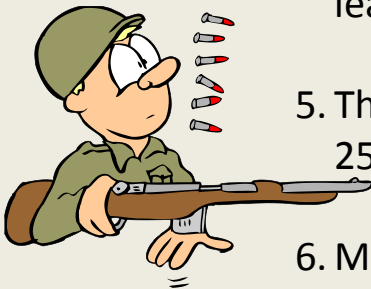
- Sort out** What is this problem about?  
What are you being asked to do in this problem?  
What and where is the important information?  
How long is the crawl through the undergrowth?  
Do you have to do the activities in the order they are listed on the page?  
Does it matter where the breaks are taken?  
How are you supposed to show the times on your timetable?
- Think about** What will happen to the soldiers who do not plan carefully enough?  
How are the time landmarks going to be helpful with this problem?  
(15, 30, 45 and 60 minutes and their relationships to fractions of an hour as well as multiples of 60)
- Action** What might be a good way of keeping track of the times and activities you have used and those still to be planned for?  
How will you work out what time G Squad has to be back on the Parade Ground?  
What would be a good method of representing all the steps in your problem so that you can check that you have included everything and calculated the times correctly?
- Reflect on** Reflect on the strategies used for showing the planning of the day and for working out the duration in terms of how clear, efficient and reliable each was. The Slides can be used to guide this part of the reflection.  
The students will want to compare where the breaks were put and why, so allow time for this.

# Problem 16: Timetable for G Squad



G Squad. Welcome to Camp Calamity. Listen carefully, because these are your instructions for tomorrow's training session.

1. Meet at 08:00 hrs on the Parade Ground.
2. Three laps of the cross-country track allowing 15 minutes a lap.
3. A 180 minute crawl through the undergrowth.
4. A 3/4 hour signals course learning to send messages.
5. Three shooting rounds of 25 minutes each.
6. Marching to the band for 75 minutes on the parade ground.



**Do not be late** on the Parade Ground, standing to attention for the closing salute or you will lose your weekend pass.



Make a timetable to show in 24hr time when you will be doing each activity and when you will take the two 10 minute breaks as well as the 40 minute break for lunch that you are allowed.

At what time should G Squad be standing on the Parade Ground for the closing salute?