

**23/3/20**

# **Hours, Minutes and Seconds**

**Aim:**

To convert units of time.

Introduction task

Would you measure the following events in hours, minutes or seconds?

How long you spend at school in a day

How long it takes to drive to the centre of Blackpool

The length of a film

How quickly you can do 10 jumping jacks

**Find you're a clock to help you complete these tasks:**

- 1) How long does it take for the minute hand to go all the way round the analogue clock?**

**This is what we call 1 hour.**

**1 hour = 60 minutes**

**To work out conversions you multiply the hours by 60.**

**Eg.**

**3 hours in minutes =**

**3 x 60 =**

**(Use your 6 times table to help!)**

**180minutes**

Task 1

**Complete the table**

**(To convert minute back into hours do the inverse and divide by 60)**

**2 hours**

**240**

**4 hours**

**600**

**5 hours**

**2) Now we know how to convert whole hours now lets try converting hours and minutes to find the total minutes.**

**1 hour 30 minutes in minute =  
Multiply the hours by 60 then add the extra minutes:  
60 minutes + 30 minutes  
=90minutes**

**Complete the missing steps on this next problem:**

**2 hours and 20 minutes =  
\_\_\_\_\_ minutes + 20 minutes  
= \_\_\_\_\_minutes**

Varied Fluency 1

**Complete the table**

**1 hour 15 minutes**

**95**

**2 hours 40 minutes**

**185**

**4 hours 10 minutes**



# DON'T FORGET!

- Complete a task on Maths Shed: <https://www.mathshed.com/>
- Play for at least 10 minutes on TT Rock stars:
- <https://trockstars.com/>