

Green- converting between hours and minutes

Driving Times from Birmingham to Different Cities	
Worcester	55 minutes
Cardiff	2 hours 5 minutes
Exeter	2 hours 45 minutes
Leeds	2 hours 5 minutes
Manchester	100 minutes
Newcastle	3 hours 15 minutes
Glasgow	4 hours 25 minutes
London	135 minutes



How many minutes does it take to drive from Birmingham to Exeter?

How many hours and minutes does it take to drive from Birmingham to London?

How many minutes does it take to drive from Birmingham to Leeds?

How many more minutes does it take to drive from Birmingham to Leeds than Birmingham to Worcester?

Orange- converting between minutes and seconds

Name	Time in Minutes and Seconds	Time in Seconds
Jyoti	3 minutes 10 seconds	
Kayleigh	2 minutes 40 seconds	
Jess	3 minutes 20 seconds	
Pritesh	2 minutes 50 seconds	
Muhammed	3 minutes 40 seconds	

Complete the time in seconds column and then order the names from fastest to slowest.

Name	Minutes and Seconds	Seconds
Gregory	5 minutes 35 seconds	
Joseph		355 seconds
Mosam		415 seconds
Laila	4 minutes 55 seconds	
Aliyah		290 seconds
Elijah	5 minutes 15 seconds	

Complete the missing gaps in the table and then order the names from fastest to slowest.

Red- solving problems involving converting units of time

1. At school, a group of friends complete an obstacle course. They complete the course twice. This table shows their times in minutes and seconds and seconds.

Name	First Attempt		Second Attempt	
	Minutes and Seconds	Seconds	Minutes and Seconds	Seconds
Paige		370 seconds	6 minutes 28 seconds	
Alex		334 seconds	5 minutes 24 seconds	
Tanashe		385 seconds		349 seconds
Xavier	5 minutes 52 seconds		6 minutes 14 seconds	
Stephanie		400 seconds	6 minutes 38 seconds	

- a. Complete the table, converting minutes and seconds to seconds and seconds to minutes and seconds.
- b. Calculate the difference between each child's first and second attempt.

Paige	
Alex	
Tanashe	
Xavier	
Stephanie	

Who was the fastest child in attempt 1?

Who was the slowest child in attempt 2?

Order the children from fastest to slowest using their best time of the two attempts: