

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?

165 minutes

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

2 hours 15 minutes

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

125 minutes

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

70 minutes

Orange- converting between minutes and seconds

Name	Time in Minutes and Seconds	Time in Seconds
Jyoti	3 minutes 10 seconds	190 seconds
Kayleigh	2 minutes 40 seconds	160 seconds
Jess	3 minutes 20 seconds	200 seconds
Pritesh	2 minutes 50 seconds	170 seconds
Muhammed	3 minutes 40 seconds	220 seconds

- a. Write the friends' names from fastest to slowest:

Kayleigh, Pritesh, Jyoti, Jess, Muhammed.

Name	Minutes and Seconds	Seconds
Gregory	5 minutes 35 seconds	335 seconds
Joseph	5 minutes 55 seconds	355 seconds
Mosam	6 minutes 55 seconds	415 seconds
Laila	4 minutes 55 seconds	295 seconds
Aliyah	4 minutes 50 seconds	290 seconds
Elijah	5 minutes 15 seconds	315 seconds

- a. Complete the table, converting minutes and seconds to seconds and seconds to minutes and seconds.
- b. Order the competitors in order from fastest to slowest:
Aliyah, Laila, Elijah, Gregory, Joseph, Mosam

Red- solving problems involving converting units of time

1. a. Complete the table, converting minutes and seconds to seconds and seconds to minutes and seconds.

Name	First Attempt		Second Attempt	
	Minutes and Seconds	Seconds	Minutes and Seconds	Seconds
Paige	6 minutes 10 seconds	370 seconds	6 minutes 28 seconds	388 seconds
Alex	5 minutes 34 seconds	334 seconds	5 minutes 24 seconds	324 seconds
Tanashe	6 minutes 25 seconds	385 seconds	5 minutes 49 seconds	349 seconds
Xavier	5 minutes 52 seconds	352 seconds	6 minutes 14 seconds	374 seconds
Stephanie	6 minutes 40 seconds	400 seconds	6 minutes 38 seconds	398 seconds

- b. Calculate the difference between each child's first and second attempt.

Paige	18 seconds
Alex	10 seconds
Tanashe	36 seconds
Xavier	22 seconds
Stephanie	2 seconds

Who was the fastest child in attempt 1?

Alex

Who was the slowest child in attempt 2?

Stephanie

Order the children from fastest to slowest, using their fastest time out of the 2 attempts.

Alex, Tanashe, Xavier, Paige, Stephanie