



- 1) walk up the stairs – **seconds**  
 run around a field – **minutes**  
 watch a cartoon – **minutes**  
 sing a long to pop song – **minutes**  
 wash your hands – **seconds**  
 watch a film - **hours**

2)

1 hour 30 minutes	=	<b>90</b> minutes
1 hour 10 minutes	=	<b>70</b> minutes
1 hour 45 minutes	=	<b>105</b> minutes
1 hour <b>5</b> minutes	=	65 minutes
<b>2</b> hours 15 minutes	=	135 minutes
<b>2</b> hours <b>20</b> minutes	=	140 minutes

- 3) **1<sup>st</sup> = Ed (88 seconds)**  
**2<sup>nd</sup> = Diane (94 seconds)**  
**3<sup>rd</sup> = Chen (96 seconds)**  
**4<sup>th</sup> = Ben (101 seconds)**  
**5<sup>th</sup> = Alesha (111 seconds)**

4)

2 hours 14 minutes	=	134 minutes
97 seconds	>	1 minute 25 seconds
4 hours	>	200 minutes
147 minutes	=	2 hours 27 minutes
3 minutes 20 seconds	<	210 seconds



1) Children convert to compare the times.

- a) The odd one out is 1 minute 2 seconds as the others equal 90 seconds.
- b) The odd one out is 314 minutes as the others equal 194 minutes.
- c) The odd one out is 6 minutes as the others equal 600 seconds.

2) Sarah is correct as shown when her times are converted to seconds:

length 1 = 126 seconds

length 2 = 125 seconds

length 3 = 117 seconds

length 4 = 114 seconds

length 5 = 98 seconds

3) Lee is incorrect as when the reading times are converted into minutes we can see that Ling finished first and Liana finished third.

Ling = 229 minutes

Liana = 349 minutes

Lee = 230 minutes

4) Children convert to compare the times.

$< 5\frac{1}{2}$ Minutes	$> 350$ Seconds
300 seconds	3 minutes 50 seconds
5 minutes 20 seconds	512 seconds
512 seconds	5 minutes 55 seconds
251 seconds	$5\frac{3}{4}$ minutes



1) This is an open-ended question with multiple possible answers. For example:

cooking (70 minutes)  
 football (75 minutes)  
 karate (35 minutes)

drama (85 minutes)  
 cooking (70 minutes)  
 trampolining (25 minutes)

karate (35 minutes)  
 trampolining (25 minutes)  
 cooking (70 minutes)  
 rounders (50 minutes)

art (45 minutes)  
 rounders (50 minutes)  
 drama (85 minutes)

2) a)

Name	Average Time per Lap	Number of Laps	Total Time Walked
Aleesha	3 minutes 4 seconds	10	<b>30 mins 40 seconds</b>
Ben	97 seconds	30	<b>48 mins 30 seconds</b>
Chen	two minutes thirty-seven seconds	15	<b>39 mins 15 seconds</b>
Diane	134 seconds	20	<b>44 mins 40 seconds</b>
Ed	<b>100 seconds or 1 minute 40 seconds</b>	30	50 minutes

b) There is 19 minutes and 20 seconds difference between the shortest and longest times. This is 1160 seconds.