Step 1: Hours, Minutes and Seconds

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 London

The length of a TV show

How quickly you can do 10 jumping jacks

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

How long you spend at school in a day
hours

How long it takes to drive to the centre of London
hours/minutes depending on where you live

The length of a TV show
minutes

How quickly you can do 10 jumping jacks
seconds

Complete the table

Hours	Minutes
1 hour 15 minutes	
	95
2 hours 40 minutes	
	185
4 hours 10 minutes	

Complete the table

Hours	Minutes
1 hour 15 minutes	**75**
1 hour 35 minutes	95
2 hours 40 minutes	**160**
3 hours 5 minutes	185
4 hours 10 minutes	**250**

Fill in <, > or = to make the statement correct.

2 minutes 20 seconds ☐ 140 seconds

Fill in <, > or = to make the statement correct.

2 minutes 20 seconds | = | 140 seconds

Match the times together to find the odd one out.

1 hour 45 minutes

145 minutes

190 seconds

105 minutes

3 minutes 10 seconds

Match the times together to find the odd one out.

1 hour 45 minutes

odd one out

145 minutes

190 seconds

105 minutes

3 minutes 10 seconds

Which children were quicker in week 1?

Name	Week 1	Week 2
Jamie	2 hours 20 minutes	150 minutes
Tami	130 seconds	2 minutes
Ahmed	215 minutes	3 hours 40 minutes

Which children were quicker in week 1?

Name	Week 1	Week 2
Jamie	2 hours 20 minutes	150 minutes
Tami	130 seconds	2 minutes
Ahmed	215 minutes	3 hours 40 minutes

True or false? Explain why.

A   155 minutes $<$ 2 hours
45 minutes

B   3 hours
5 minutes $>$ 185 minutes

C   4 minutes
40 seconds $=$ 290 seconds

Reasoning 1

True or false? Explain why.

A   155 minutes | < | 2 hours 45 minutes

A: True because 155 minutes = 2 hours 35 minutes, which is < 2 hours 45 minutes.

B   3 hours 5 minutes | > | 185 minutes

B: False because 3 hours 5 minutes = 185 minutes, so they are both equal.

C   4 minutes 40 seconds | = | 290 seconds

C: False because 4 minutes 40 seconds = 280 seconds, which is < 290 seconds.

Yasir says,

I ran the race in 195 minutes. I win.

Sienna says,

I ran the race in 2 hours 55 minutes. I win.

Explain who is correct.

Yasir says,

I ran the race in 195 minutes. I win.

Sienna says,

I ran the race in 2 hours 55 minutes. I win.

Explain who is correct.
Sienna is correct because…

Yasir says,

I ran the race in 195 minutes. I win.

Sienna says,

I ran the race in 2 hours 55 minutes. I win.

Explain who is correct.

Sienna is correct because 2 hours 55 minutes = 175 minutes which is quicker than 195 minutes. Sienna won the race.

Everyone starts writing cards at the same time.
Calculate the order in which the cards will be ready.

Child A	195 seconds
Child B	3 ½ minutes
Child C	3 minutes 25 seconds

Everyone starts writing cards at the same time.
Calculate the order in which the cards will be ready.

Child A	**195 seconds**
Child B	**3 ½ minutes**
Child C	**3 minutes 25 seconds**

Child A (3 minutes 15 seconds or 195 seconds)
Child C (3 minutes 25 seconds or 205 seconds)
Child B (3 minutes 30 seconds or 210 seconds)