

## Reasoning and Problem Solving – Hours, Minutes and Seconds

4a. True or false? Explain why.

A 1 minute 15 seconds  $>$  80 seconds

B 160 minutes  $=$  2 hours 30 minutes

C 3 hours 10 minutes  $<$  195 minutes



R

4b. True or false? Explain why.

A 230 seconds  $=$  3 minutes 40 seconds

B 1 hour 55 minutes  $<$  115 minutes

C 2 minutes 25 seconds  $>$  135 seconds



R

5a. Henry says:



I ran the race  
in 175 seconds.  
I win.

Saleema says:

I ran the race  
in 2 minutes  
45 seconds.  
I win.



Explain who is correct.

R

5b. Suhail says:



I ran the race  
in 4 hours 25  
minutes. I win.

Ellen says:

I ran the race  
in 425 minutes.  
I win.



Explain who is correct.

R

6a. Everyone starts baking at the same time. Calculate the order in which the cakes will be ready.

Child A	130 minutes
Child B	2 hours 25 minutes
Child C	2 $\frac{1}{4}$ hours



PS

6b. Everyone starts baking at the same time. Calculate the order in which the biscuits will be ready.

Child A	5 minutes 45 seconds
Child B	340 seconds
Child C	5 $\frac{1}{2}$ minutes



PS