



YR3 PROGRESSION IN MASTERY LESSON PACK - FINDING THE DURATION

FLUENCY 1

Use the stem sentences to find the duration.

9:20am to 10.10am

There are ____ minutes to ____ o' clock.

There are ____ minutes past ____ o' clock.

____ minutes and ____ minutes = _____.

FLUENCY 2

Find the durations of these times...

5:30pm to 6:30pm

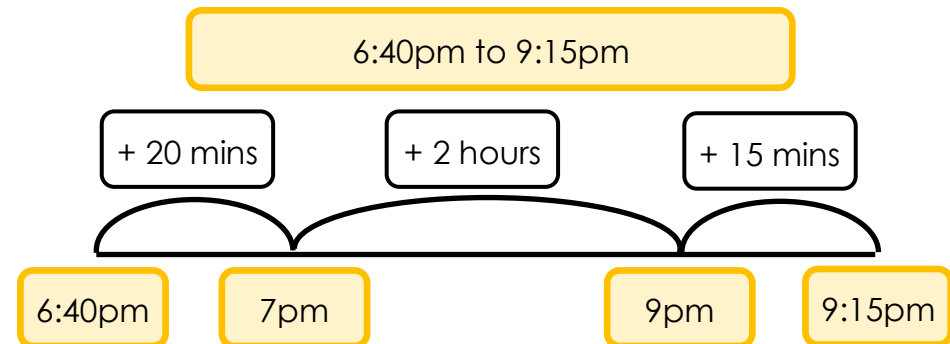
7 am to 8:30am

3:15pm to 4:55pm

4:10am to 6:50am

FLUENCY 3

We can use a timeline to calculate longer durations.



2 hours + 20 mins + 15 mins = 2 hours and 35 mins

NOW...

Use a timeline to calculate these durations...

1:05pm to 4:35pm

3:35pm to 6:10pm

11:45am to 1:55pm

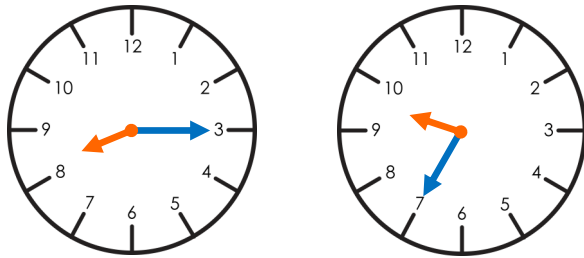




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REASONING 1

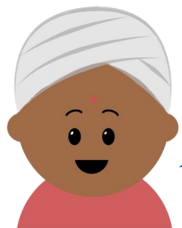
Convince me!



The duration between these times is 80 minutes.

REASONING 2

Always, Sometimes or Never True?



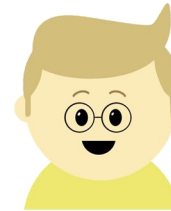
A duration of time that passes through the o'clock must be more than 60 minutes.

Explain your reasoning.

REASONING 3

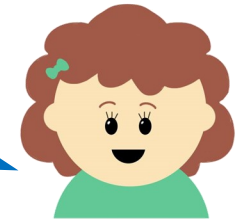
PE starts at 10 minutes to 2 and finishes at 14:55pm.

Alfie



I think PE lasts for 1 hour and 5 minutes

I think PE lasts for 2 hours and 55 minutes



Darcey

Asha



I think PE lasts for 65 minutes

Who is correct?

Explain why



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PROBLEM SOLVING 1

Marlon lives in a city.
He regularly visits his grandparents in a different city.
The journey takes 85 minutes by train.

Arrival times for trains leaving Newcastle at 17:15		
Leeds 18:40	Manchester 18:55	Leicester 19:45
Arrival times for trains leaving Leeds at 18:40		
Manchester 19:40	Birmingham 19:50	Leicester 19:30
Arrival of trains leaving Manchester at 19:40		
Birmingham 20:50	Leicester 21:05	London 21:00
Arrival times for trains leaving Birmingham at 20:50		
London 21:55	Leicester 21:30	Exeter 22:15

Which 2 cities could it be?
How many possibilities can you find?

