

LIFE/work balance

CLASSROOM *Secrets*

#LIFEworkbalance

We have started a #LIFEworkbalance campaign and we need your help to complete our LIFE/work balance survey.

We hope to publish the results soon, so please give 15 minutes of your time to help us get a true picture of school life.

Want to be a part of this campaign? Take the [survey](#) on our website and share it with your colleagues!

Year 3 – Summer Block 2 – Time – Comparing the Duration

About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

National Curriculum Objectives:

Mathematics Year 3: (3M4b) [Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks](#)

Mathematics Year 3: (3M4d) [Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight](#)

Mathematics Year 3: (3M4f) [Compare durations of events \[for example to calculate the time taken by particular events or tasks\]](#)

More [Year 3 Time](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Step 8: Comparing the Duration

Introduction

Order the viewing times of these films from longest to shortest.

Space Wars
2 hours and 35 mins

The Tiger King
2 hours and 20 mins

Revengers
1 hour and 50 mins

Wonder Girl
1 hour and 45 mins

Spider Boy
1 hour and 30 mins

Pet Adventure
2 hours and 15 mins

Introduction

Order the viewing times of these films from longest to shortest.

Longest

Space Wars
2 hours and 35 mins

The Tiger King
2 hours and 20 mins

Pet Adventure
2 hours and 15 mins

Revenagers
1 hour and 50 mins

Wonder Girl
1 hour and 45 mins

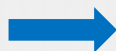
Spider Boy
1 hour and 30 mins

Shortest

Varied Fluency 1

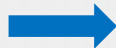
Which is the longest duration of time?

03:40



04:25

16:45



17:20

Varied Fluency 1

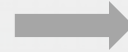
Which is the longest duration of time?

03:40



04:25

16:45

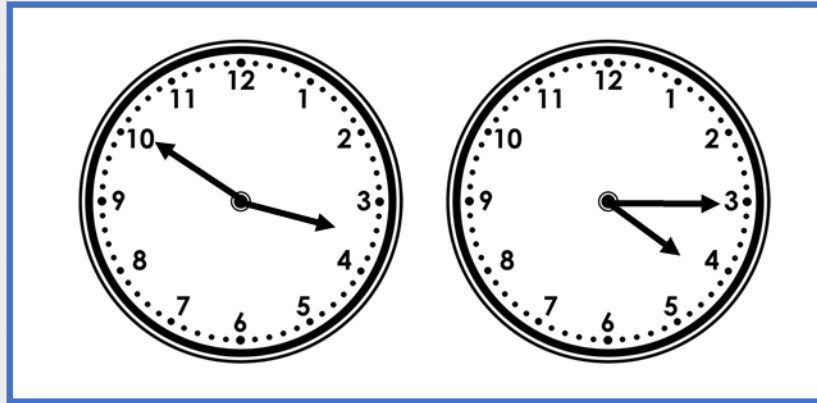


17:20

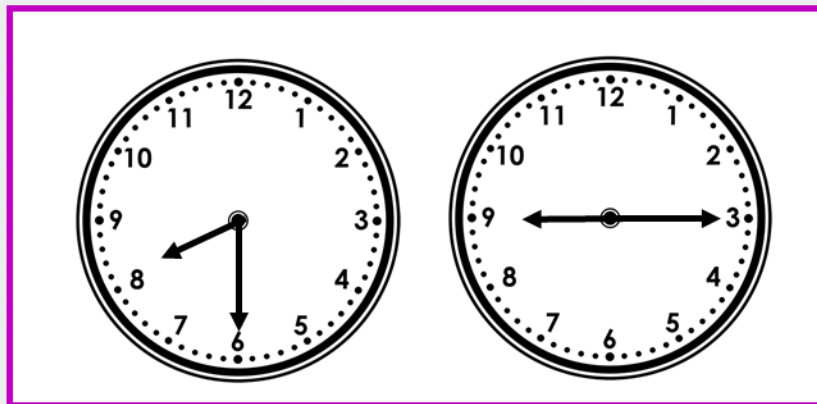
Varied Fluency 2

Which is the shortest duration of time?

A



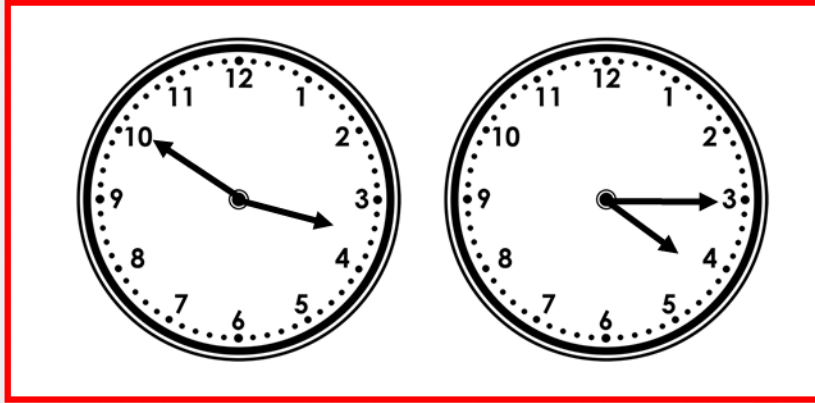
B



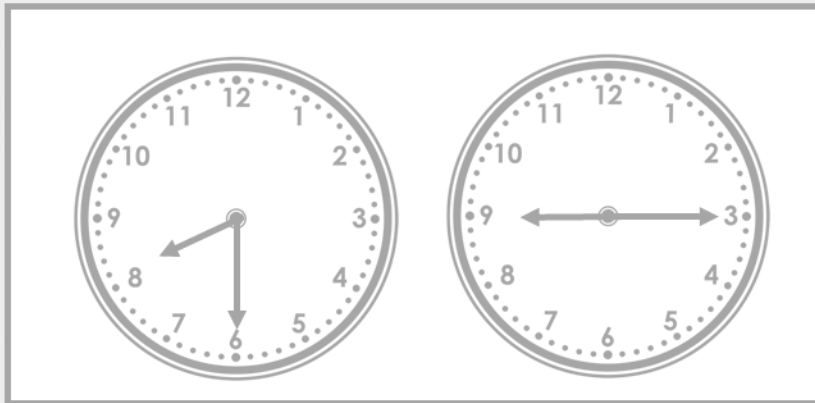
Varied Fluency 2

Which is the shortest duration of time?

A



B



Varied Fluency 3

How much longer does Bus A take than Bus B?

Bus	James Avenue	Corner Street
A	07:45	08:25
B	08:35	09:05

Varied Fluency 3

How much longer does Bus A take than Bus B?

Bus	James Avenue	Corner Street
A	07:45	08:25
B	08:35	09:05

**Bus A takes 40 minutes. Bus B takes 30 minutes.
Bus A takes 10 minutes longer than Bus B.**

Problem Solving 1



10:35



11:30

How much time has passed on the analogue clocks?

How much time has passed on the digital clocks?

What is the difference between the durations?

Problem Solving 1



10:35



11:30

How much time has passed on the analogue clocks?

45 minutes

How much time has passed on the digital clocks?

55 minutes

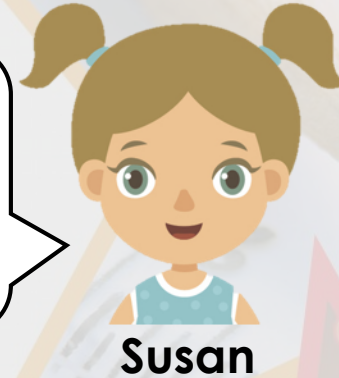
What is the difference between the durations?

10 minutes

Reasoning 1



I left home at 12:55 and arrived at 13:35. It took me longer than Jak to get home.



It took me 50 minutes to walk home.

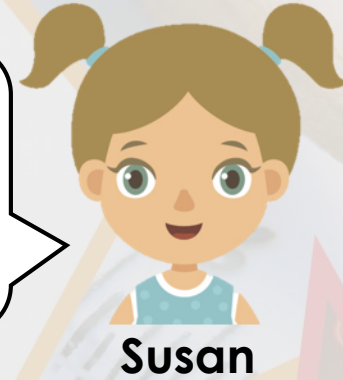
Is Susan correct? Explain why.

Reasoning 1



Jak

I left home at 12:55 and arrived at 13:35. It took me longer than Jak to get home.



Susan

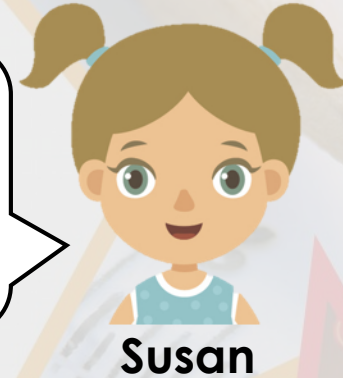
It took me 50 minutes to walk home.

Is Susan correct? Explain why.
Susan is not correct because...

Reasoning 1



I left home at 12:55 and arrived at 13:35. It took me longer than Jak to get home.



It took me 50 minutes to walk home.

Is Susan correct? Explain why.

Susan is not correct because it took her 40 minutes to walk home, which is 10 minutes more than Jak.

Problem Solving 2

Bus	Merrion Street	Raven Avenue	Scope Road	Drilling Crescent
A	08:20	08:45	08:55	09:10
B	10:40	10:55	11:05	11:25

How much longer is the journey from Merrion Street to Raven Avenue on Bus A than Bus B?

Would it be quicker to get to Drilling Crescent from Merrion Street on Bus A or Bus B?

Problem Solving 2

Bus	Merrion Street	Raven Avenue	Scope Road	Drilling Crescent
A	08:20	08:45	08:55	09:10
B	10:40	10:55	11:05	11:25

How much longer is the journey from Merrion Street to Raven Avenue on Bus A than Bus B?

Bus A = 25 minutes, Bus B = 15 minutes. 10 minutes difference.

Would it be quicker to get to Drilling Crescent from Merrion Street on Bus A or Bus B?

Bus A = 50 minutes, Bus B = 45 minutes. Bus A is quicker by 5 minutes.