#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!

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Year 4 – Summer Block 3 – Time – Analogue to Digital – 24 Hour

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 4: (4M4b) Read, write and convert time between analogue and digital 24-hour clocks
Mathematics Year 4: (4M4c) Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days

More Year 4 Time Resources.

Did you like this resource? Don't forget to review it on our website.

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Step 4: Analogue to Digital – 24 Hour

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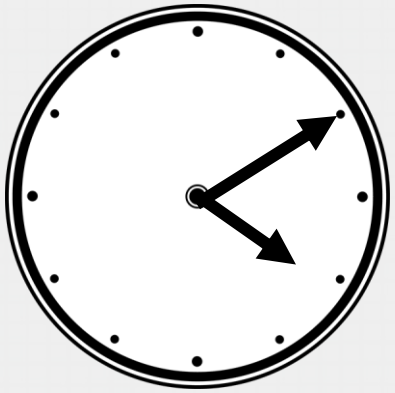
Introduction

Match the times.

04:10	20:53	13:04
		
01:04	08:53	16:10

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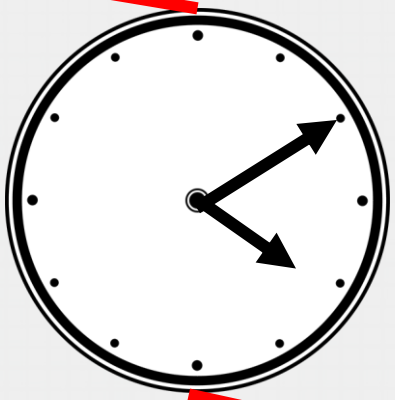
Introduction

Match the times.

04:10	20:53	13:04
		
01:04	08:53	16:10

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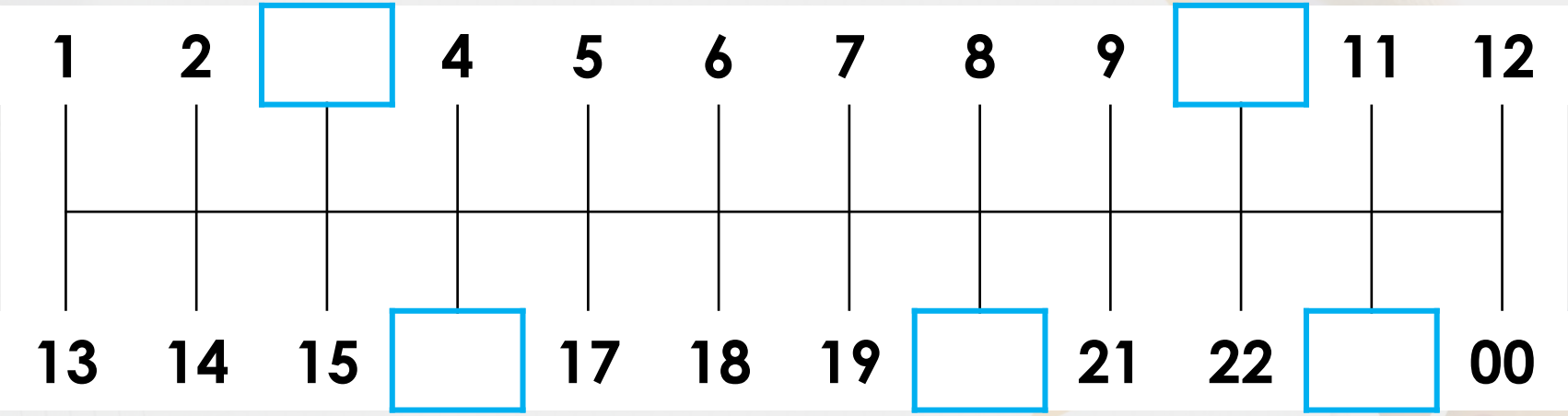
Varied Fluency 1

Fill in the gaps on this 24-hour number line.



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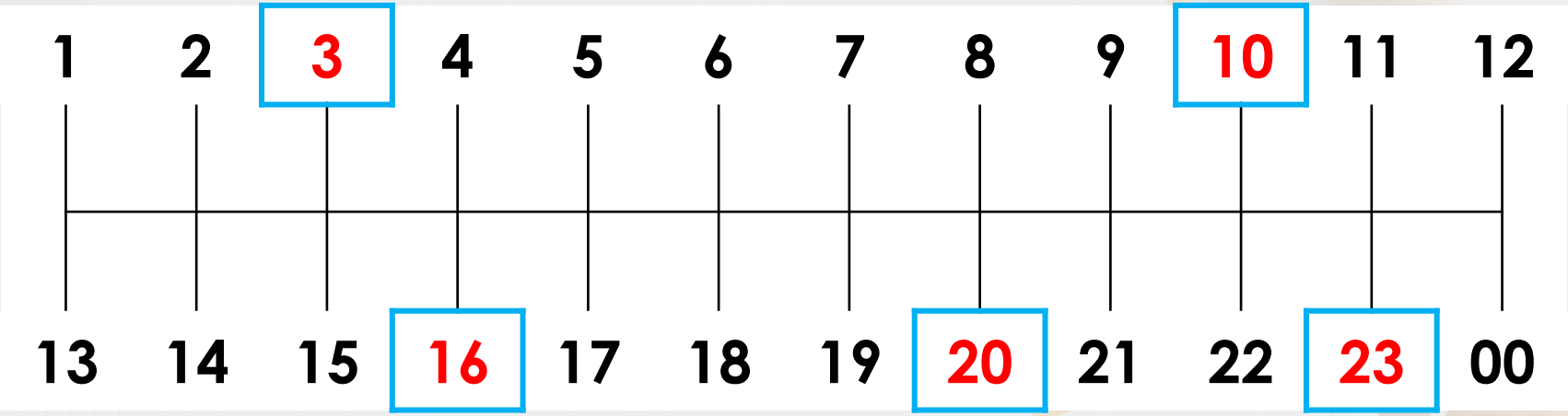
Varied Fluency 1

Fill in the gaps on this 24-hour number line.



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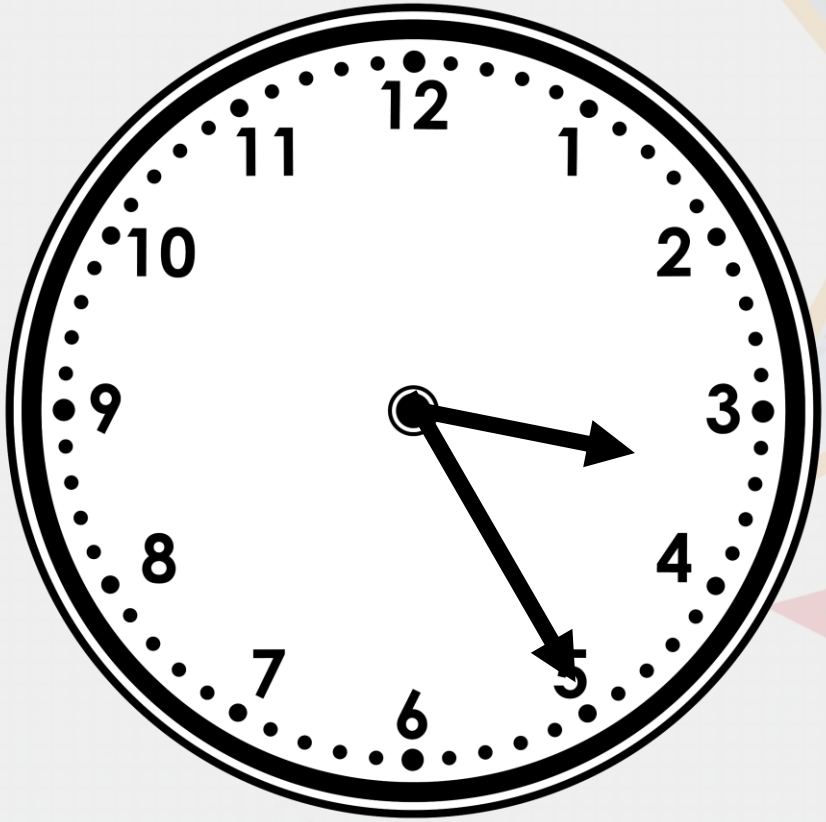
Varied Fluency 2

Which 24-hour time matches the time on the analogue clock?



03:05	15:25	14:25	15:05

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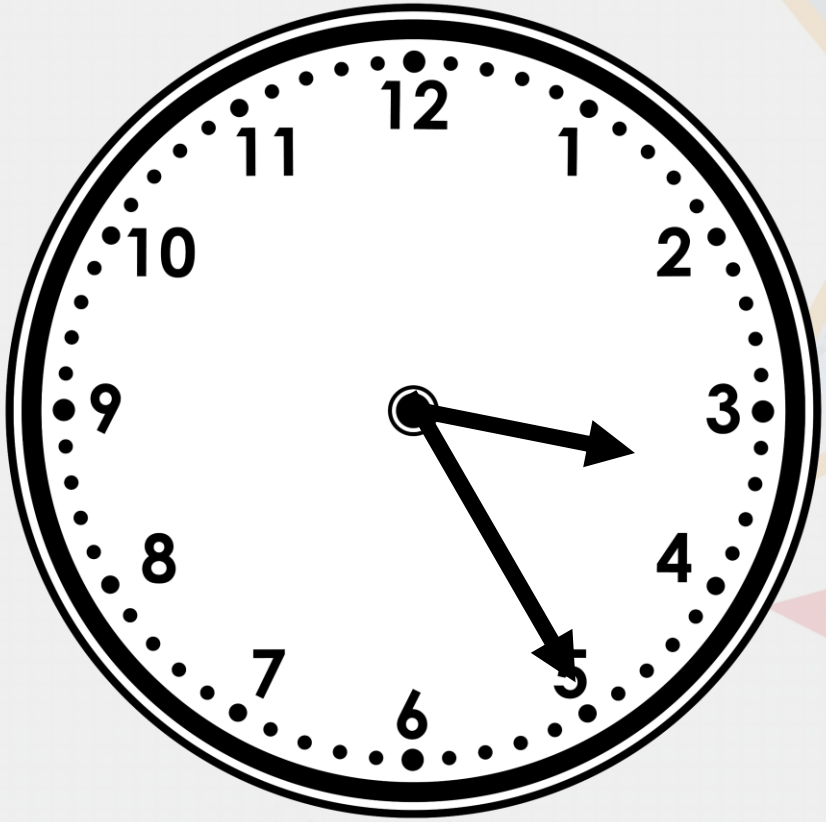
Varied Fluency 2

Which 24-hour time matches the time on the analogue clock?



03:05	15:25	14:25	15:05

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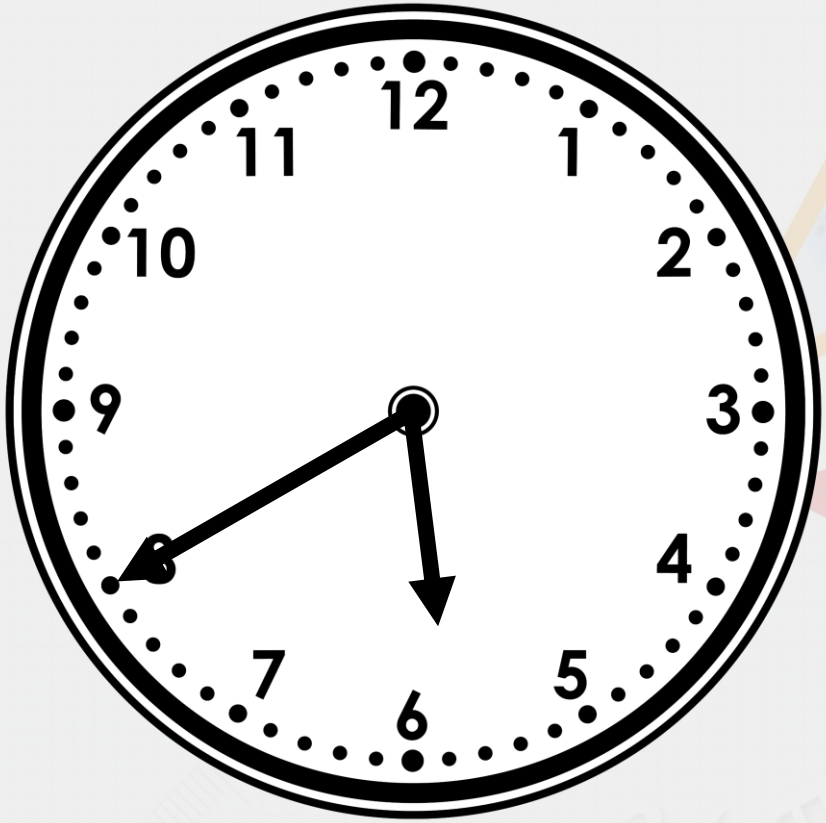
Varied Fluency 3

If a clock shows this time, the time could be 17:40.

True or false?



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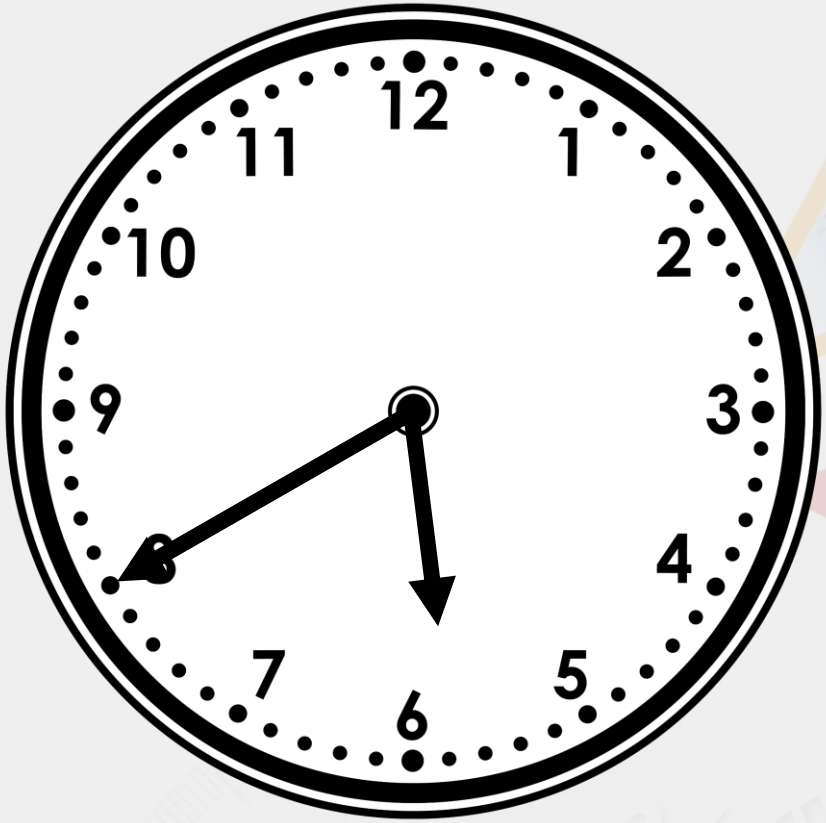
Varied Fluency 3

If a clock shows this time, the time could be 17:40.

True or false?



True

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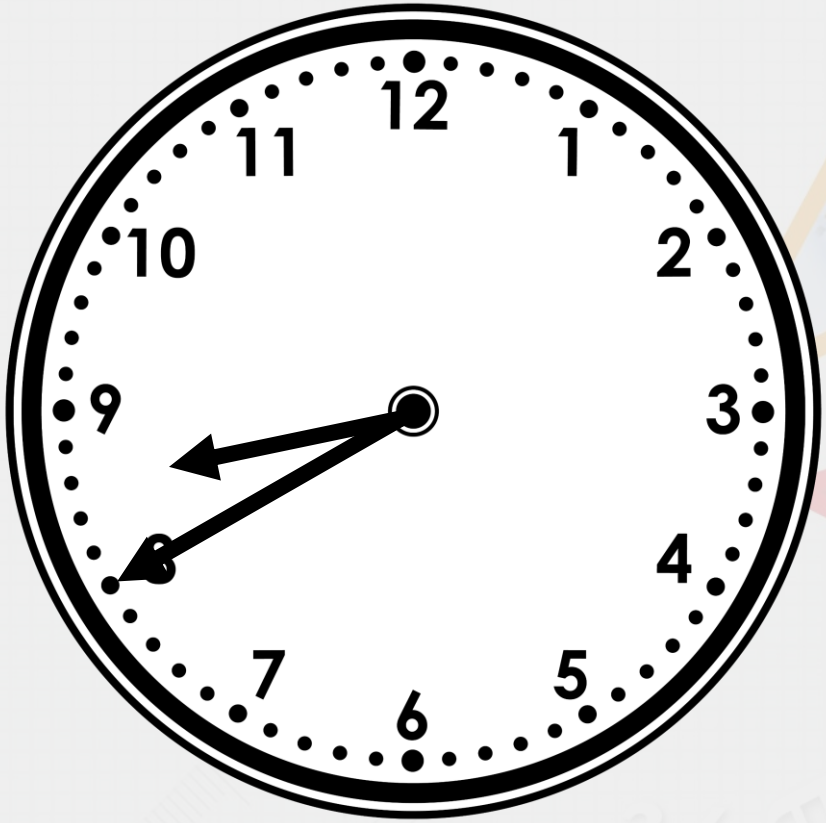
Varied Fluency 4

Look at this clock. Write the 24-hour time it would match in the morning and the evening.



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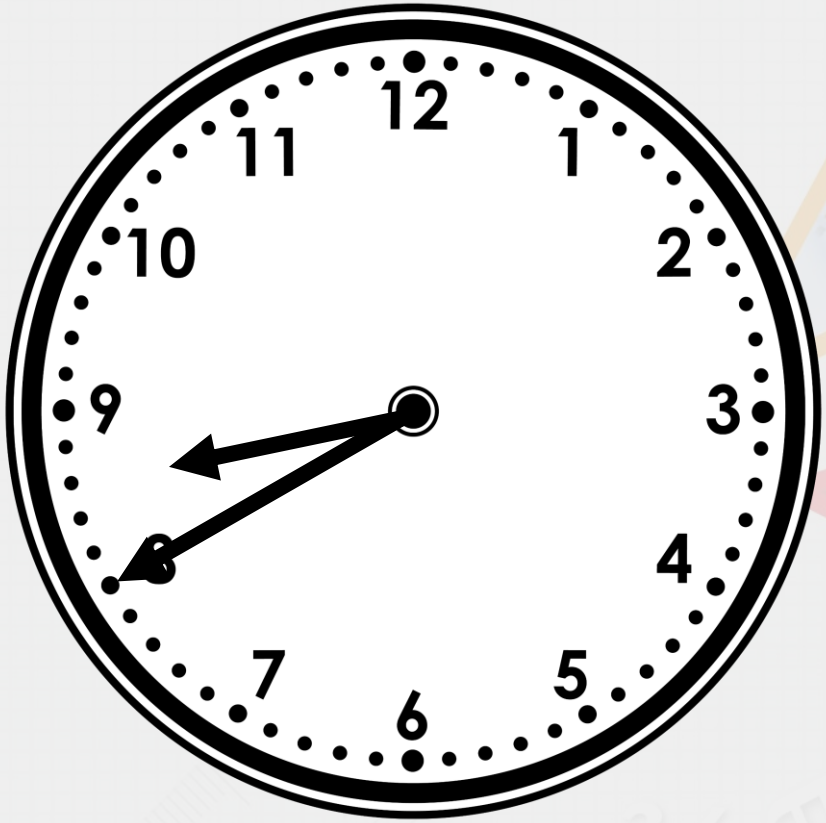
Varied Fluency 4

Look at this clock. Write the 24-hour time it would match in the morning and the evening.



morning

08:40

evening

20:40

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Problem Solving 1

The town hall clock is analogue. It chimes every hour.

Billy looks at the time on his smartwatch.

If Billy waits until the next time the town hall clock chimes, how many chimes will he hear? Explain why.

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Problem Solving 1

The town hall clock is analogue. It chimes every hour.

Billy looks at the time on his smartwatch.

If Billy waits until the next time the town hall clock chimes, how many chimes will he hear? Explain why.

9 chimes.
The next hour will be 21:00, which is 9pm, so he will hear 9 chimes.

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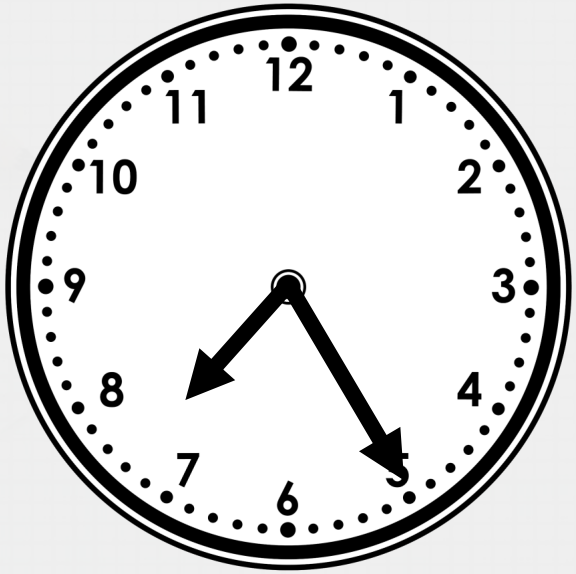
Reasoning 1

Maddie and Sian were supposed to be at the restaurant at 19:25. Here are the times they arrived.



Maddie

Sian

Who arrived on time? Who arrived late?

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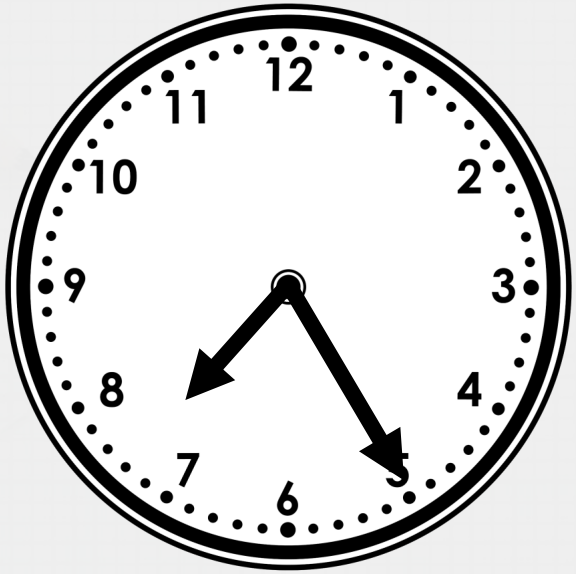
Reasoning 1

Maddie and Sian were supposed to be at the restaurant at 19:25. Here are the times they arrived.



Maddie

Sian

Who arrived on time? Who arrived late?

Maddie arrived on time.

Sian arrived 20 minutes late.

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Problem Solving 2

The school clock is stuck.

Holly

10:55

22:55

Mira

10:55

20:55

Dan

11:55

23:55

Explain who has correctly guessed the two times the clock could be showing.

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Problem Solving 2

The school clock is stuck.

Holly

10:55

22:55

Mira

10:55

20:55

Dan

11:55

23:55

Explain who has correctly guessed the two times the clock could be showing.

Holly is correct because...

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Problem Solving 2

The school clock is stuck.

Holly

10:55

22:55

Mira

10:55

20:55

Dan

11:55

23:55

Explain who has correctly guessed the two times the clock could be showing.

Holly is correct because both her digital times are five to eleven on an analogue clock.

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