

# Time

Master The Curriculum



# 4

Fluency Teaching Slides

# Hours, Minutes & Seconds

# 4



Fluency Teaching Slides

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## Activity 1

# Hours, Minutes & Seconds

Sort the activities under the headings depending on the approximate length of time they take to complete.

One hour

One minute

One second

PE Lesson

Open a parcel

Tie your shoe laces

Cook a meal

Clap

Blink

Math lesson

?

What activity might last one hour/minute/second?

# Activity 1

# Hours, Minutes & Seconds

Sort the activities under the headings depending on the approximate length of time they take to complete.

One hour

PE Lesson

Cook a meal

Math lesson

One minute

Open a parcel

Tie your shoe laces

One second

Clap

Blink

## Activity 2

# Hours, Minutes & Seconds

Convert the times.

One hour

=

minutes

Two hours

=

minutes

Half an hour

=

minutes

Two and a half hours

=

minutes

?

How many minutes are there in an hour?

## Activity 2

# Hours, Minutes & Seconds

Convert the times.

One hour

=

60 minutes

Two hours

=

120 minutes

Half an hour

=

30 minutes

Two and a half hours

=

150 minutes

## Activity 3

# Hours, Minutes & Seconds

Convert the times.

One minute

=

seconds

Three minutes

=

seconds

minutes

=

120 seconds

minutes

=

300 seconds

## Activity 3

# Hours, Minutes & Seconds

Convert the times.

One minute

=

60 seconds

Three minutes

=

180 seconds

**Two** minutes

=

120 seconds

**Five** minutes

=

300 seconds

## Activity 4

# Hours, Minutes & Seconds



Leanna reads a chapter of her book in 4 minutes and 46 seconds.



Esin reads a chapter of her book in 360 seconds.

Who reads their chapter the quickest?

## Activity 4

# Hours, Minutes & Seconds



Leanna reads a chapter of her book in 4 minutes and 46 seconds.



Esin reads a chapter of her book in 360 seconds.

Leanna reads faster than Esin. Leanna can read a chapter of her book in 286 seconds while Esin took 360 seconds to read a chapter of her book.

Who reads their chapter the quickest?

What activity might last one hour/minute/second?

How many minutes are there in an hour?

How can we use a clock face to check?

How could we count the minutes?

How many seconds are there in one minute?

What could we use to check?

How many minutes in \_\_\_ hours?

How many seconds in minutes?

# Years, Months, Weeks and Days

# 4



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# Activity 1

# Years, Months, Weeks and Days

Use a calendar to help you complete the sentences.



There are  months in a year.

There are  days in December.

There are  days in February.

Months have 30 days, and  months have 31 days.

There are  days in a year and  days in a leap year.



How many days are there in a week?  
How many days are there in each month?

## Activity 1

# Years, Months, Weeks and Days

Use a calendar to help you complete the sentences.



There are **12** months in a year.

There are **31** days in December.

There are **28** days in February.

**4** Months have 30 days, and **7** months have 31 days.

There are **365** days in a year and **366** days in a leap year.

## Activity 2

# Years, Months, Weeks and Days

Complete the table.

Number of days	Number of weeks
	5
56	
	5
14	
	12
77	

?

How many days are there in \_\_\_ weeks? How many weeks in a year?

## Activity 2

# Years, Months, Weeks and Days

Complete the table.

Number of days	Number of weeks
35	5
56	8
28	4
14	2
84	12
77	11

## Activity 3

# Years, Months, Weeks and Days



Leanna

Leanna is 8 years and 3 months old.

Zach is 82 months old.

Who is the oldest?  
Explain your answer.



Zach



How many months/weeks/days are there in \_\_\_\_\_ years?

## Activity 3

# Years, Months, Weeks and Days



Leanna

Leanna is 8 years and 3 months old.

Zach is 82 months old.

Who is the oldest?  
Explain your answer.



Zach

Leanna is the oldest. Leanna is 99 months old while Zach is 82 months old.

How many days are there in a week?

How many days are there in each month?

How many weeks in a year?

How many days are there in \_\_\_ weeks?

What calculation do we need to do to convert days to weeks/weeks to days?

How many months/weeks/days are there in \_\_\_ days.

# Analogue to Digital – 12 hour

# 4



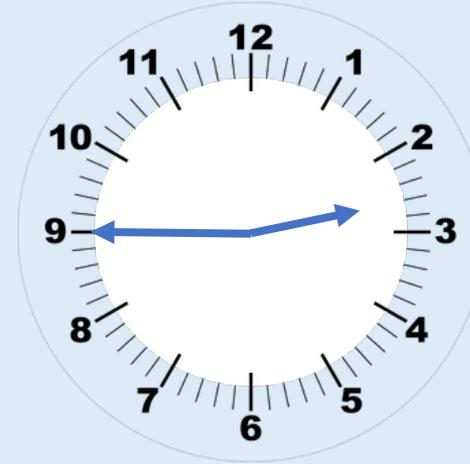
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# Activity 1

## Analogue to Digital – 12 hour

What time is the analogue clock showing?



?

What time is the analogue clock showing?

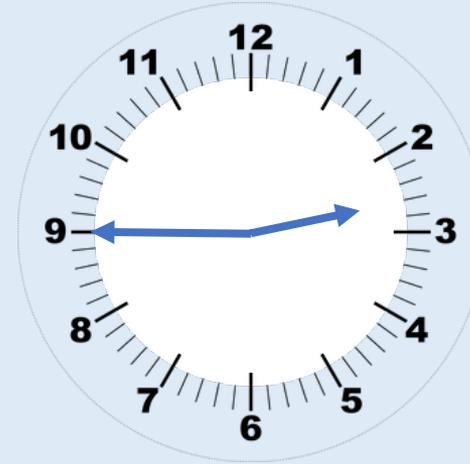
# Activity 1

## Analogue to Digital – 12 hour

What time is the analogue clock showing?



15 minutes past 2

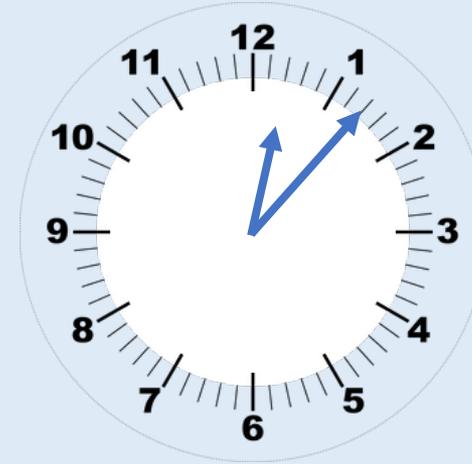


15 minutes to 3

## Activity 2

# Analogue to Digital – 12 hour

What time is the analogue clock showing?



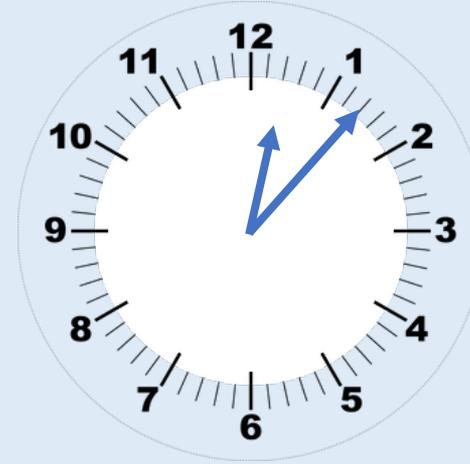
## Activity 2

# Analogue to Digital – 12 hour

What time is the analogue clock showing?



11 minutes to 6



7 minutes past 12

# Activity 3

## Analogue to Digital – 12 hour

What time is it?



The time is  past 11.

This can also be written as  minutes past 11.

The digital time is  :



The time is  past

This can also be written as  minutes past

The digital time is  :

## Activity 3

# Analogue to Digital – 12 hour

What time is it?



The time is **25** past 11.

This can also be written as **25** minutes past 11.

The digital time is **11** : **25**



The time is **5** past **2**

This can also be written as **5** minutes past **2**

The digital time is **2** : **05**

## Activity 4

# Analogue to Digital – 12 hour

Write the times in the digital format.



?

How many minutes is it past the hour?  
How can you count the minutes efficiently?

## Activity 4

# Analogue to Digital – 12 hour

Write the times in the digital format.



2:55



8:20



6:15

# Activity 4

# Analogue to Digital – 12 hour

Write the times in the digital format.



## Activity 4

# Analogue to Digital – 12 hour

Write the times in the digital format.



2:52



8:22



6:14

# Activity 6

# Analogue to Digital – 12 hour

Record the time of each activity in digital format.

	Analogue Clock	Digital (12 hours)
Kayaking	 P.M.	
Canoeing	 P.M.	
Raft building	 A.M.	
Orienteering	 A.M.	

# Activity 6

# Analogue to Digital – 12 hour

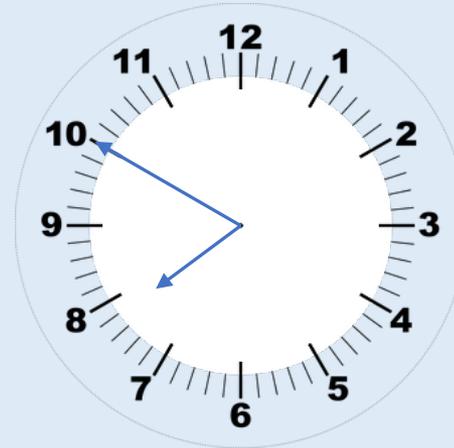
Record the time of each activity in digital format.

	Analogue Clock	Digital (12 hours)
Kayaking	 P.M.	<b>11:45 P.M.</b>
Canoeing	 P.M.	<b>2:20 P.M.</b>
Raft building	 A.M.	<b>8:00 A.M.</b>
Orienteering	 A.M.	<b>6:10 A.M.</b>

# Activity 7

## Analogue to Digital – 12 hour

Zach leaves home at this time.



He arrives at school 48 minutes later.  
What is the time on his digital watch?

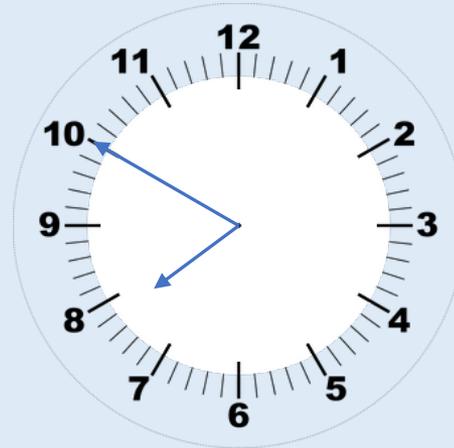


What would the time look like on Zach's digital watch when he left home?

# Activity 7

## Analogue to Digital – 12 hour

Zach leaves home at this time.



He arrives at school 48 minutes later.  
What is the time on his digital watch?

**8 : 38**

?

What would the time look like on Zach's digital watch when he left home?

What time is the analogue clock showing?

How many minutes is it past the hour? How can you count the minutes effectively?

How do we record each time in digital format?

What does a.m./p.m. mean?

Can you order the activities starting with the earliest?

What would the time look like on Zach's digital watch when he left home?

# Analogue to Digital – 24 hour

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# Activity 1

## Analogue to Digital – 24 hour

Match the analogue and digital times.



P.M.



00:25



A.M.



22:00



P.M.



14:35



Why it is important to know if it is a.m. or p.m.?

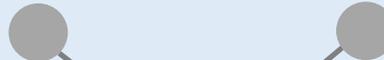
# Activity 1

## Analogue to Digital – 24 hour

Match the analogue and digital times.



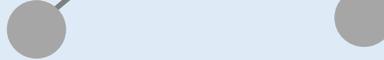
P.M.



00:25



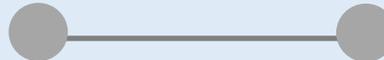
A.M.



22:00



P.M.

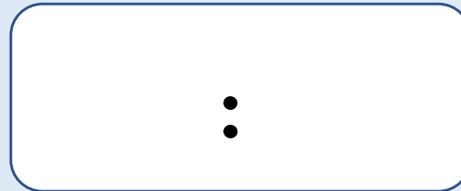
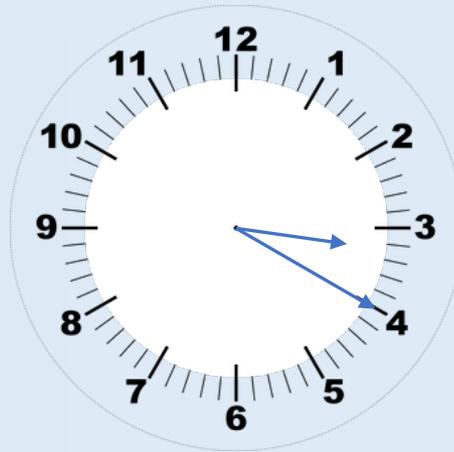


14:35

## Activity 2

# Analogue to Digital – 24 hour

Tia leaves school at this time.



She arrives at her violin lesson 40 minutes later and has a 1 hour lesson. She arrives home 55 minutes later.

Show what time Tia gets home in 24-hour digital format.

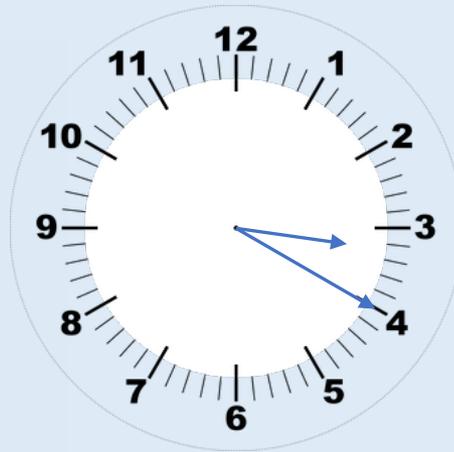


What time does she leave school on a 24 digital clock?

## Activity 2

# Analogue to Digital – 24 hour

Tia leaves school at this time.



**17:55**

She arrives at her violin lesson 40 minutes later and has a 1 hour lesson.

She arrives home 55 minutes later.

Show what time Tia gets home in 24-hour digital format.

# Activity 3

# Analogue to Digital – 24 hour

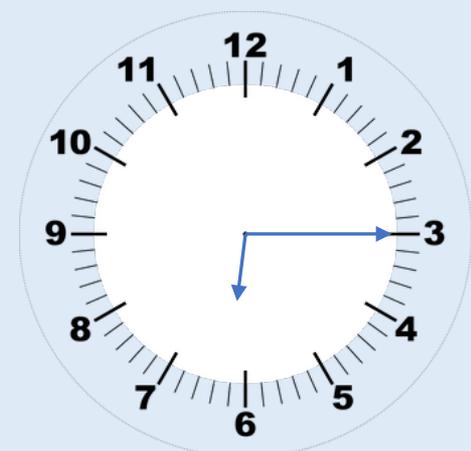
Write the times in 24-hour digital format.



A.M.



P.M.



P.M.



Why is it important if it is A.M. or P.M.?

## Activity 3

# Analogue to Digital – 24 hour

Write the times in 24-hour digital format.



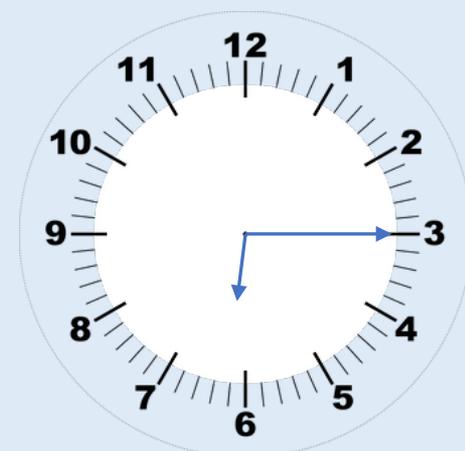
A.M.

02:55



P.M.

20:20



P.M.

18:15

?

Why is it important if it is A.M. or P.M.?

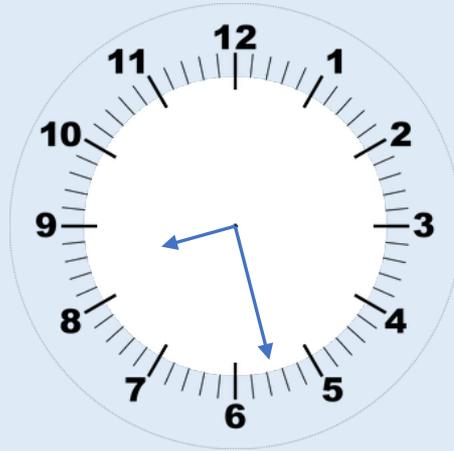
# Activity 4

# Analogue to Digital – 24 hour

Write the times in the digital format.



A.M.



P.M.

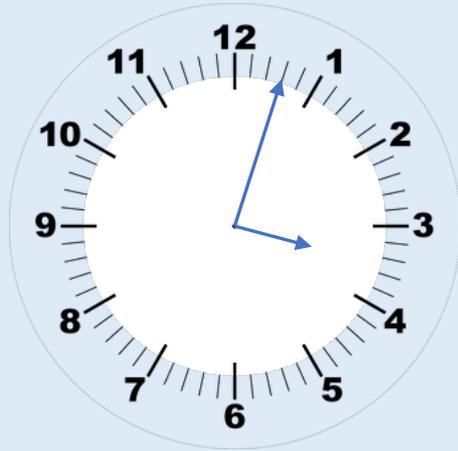


P.M.

## Activity 4

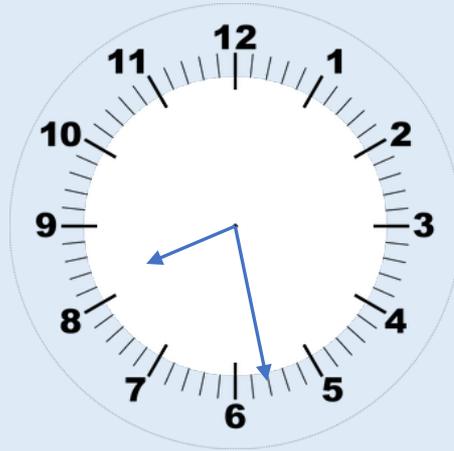
# Analogue to Digital – 24 hour

Write the times in the digital format.



A.M.

03:03



P.M.

08:23



P.M.

06:19

What do you notice about the time 1 o'clock in the afternoon on a 24 hour digital clock?

How will the time be shown for 3 o'clock in the morning/afternoon?

How do you know?

What time is the analogue clock showing?

Why is it important to know if it is a.m. or p.m.?

What time does she leave school on a 24 digital clock?