Week beginning 25ᵗʰ January
P6/5 Maths Planner

Home Learning Edition ☺
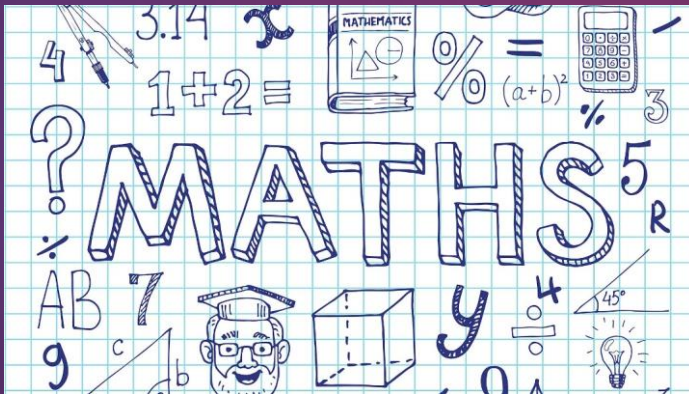
P6/5 Maths
What to expect!

- At the beginning of each week we will upload 3 PowerPoints into the January Home Learning folder on teams. Literacy, Numeracy and General.
- Teachers will be on hand to support throughout the school day.
- Teachers will host daily live meets at 9.35am and 1pm where they will talk through your task. These will be for help, support, check ins and fun will take place! Feel free to join whenever you can.
- You can work through the activities at your own pace, choosing activities you would like to complete ☺

#P6/5areoutofthisworld

Suggested Timetable

P6/5 Home Learning Suggested Timetable

	9:00-9:30	9:35-12:00	Lunch 12.00 - 1:00	1.00-2.00	2.00-3.00
Monday	Move your body! Joe Wicks or Just dance	MATHS		Topic	
Tuesday	Mindfulness (Off screen activity)	LITERACY		Topic	
Wednesday	Move your body! Joe Wicks or Just dance	MATHS		Topic	
Thursday	Mindfulness (Off screen activity)	LITERACY		RME/French	
Friday	Move your body! Joe Wicks or Just dance	MATHS LITERACY		Topic	

Your Teacher will be Live on Teams every day at 9:35am and 1pm
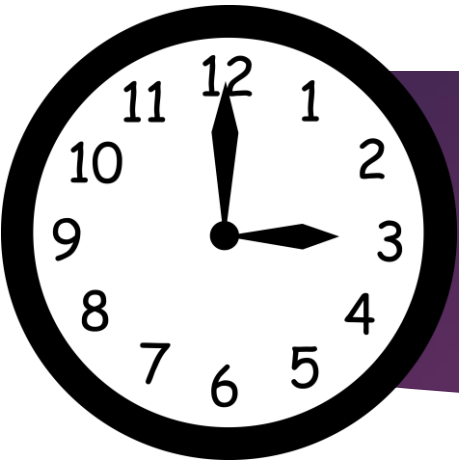
LI: to consolidate previous learning

LI: to tell the time using analogue and digital time

Starter!
At what time do you...

wake up?

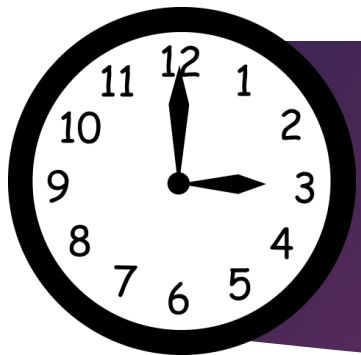go on Teams in the morning?

have your lunch?

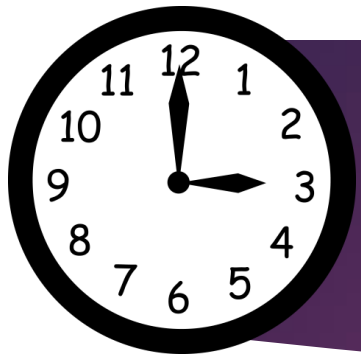sign off Teams?

eat dinner?

speak to your friends?

go to bed?

Time

What do you already know about time?
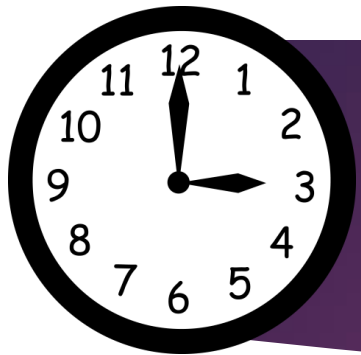
Why is it important? What do we use it for?

Think of 3 things and type it in the chat...

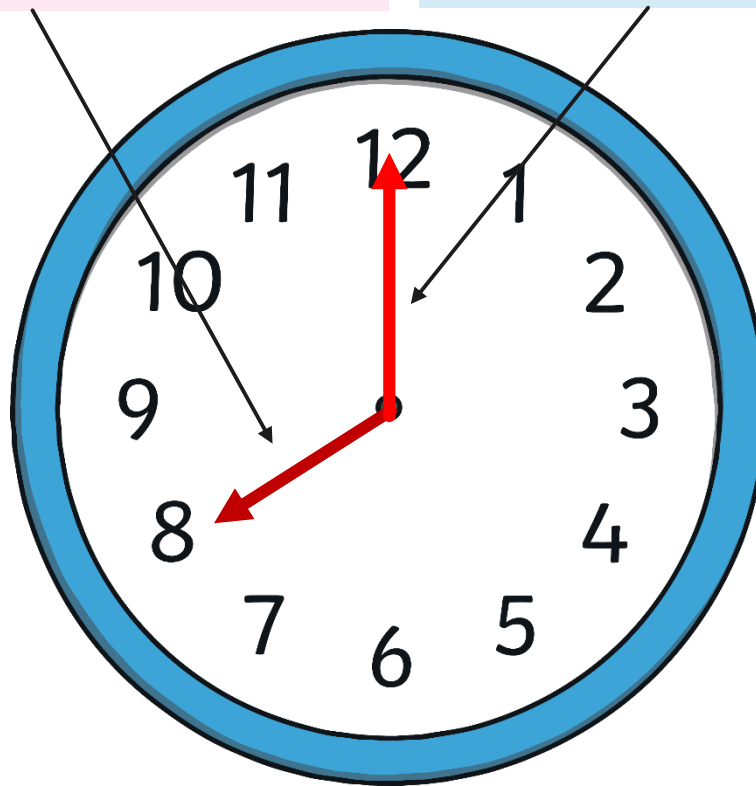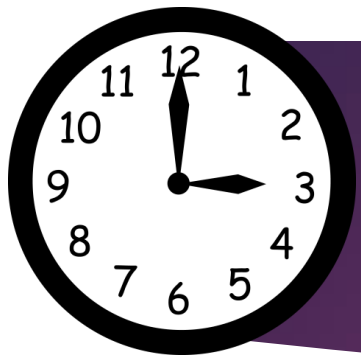# Time to recap...
Back to basics!

Time
Hours and Minutes

This is the **hour** hand.

It is the shortest hand on the clock.

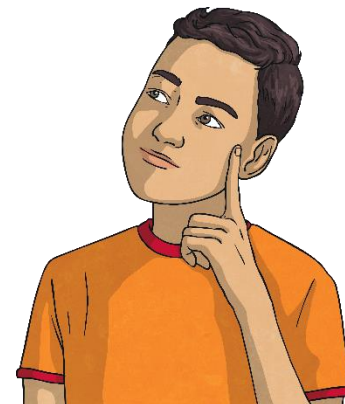This is the **minute** hand.

It is longer than the hour hand.

Time

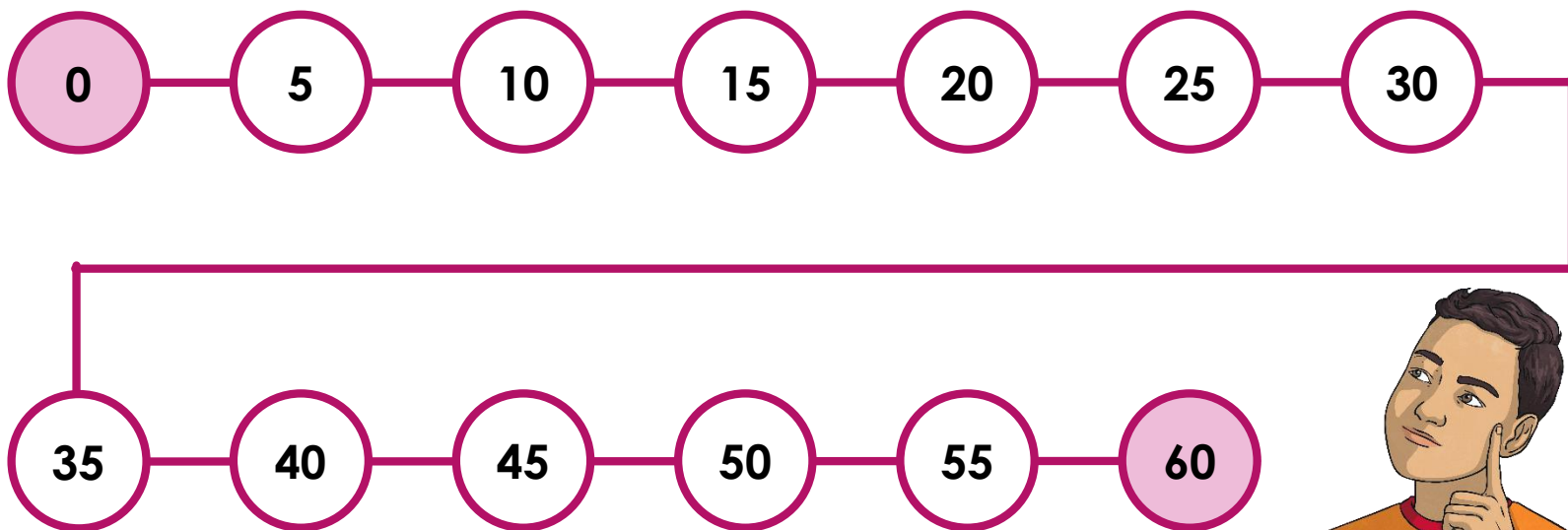When we are telling the time, it is really important to be able to count in 5s.

Can you count in 5s from 0 to 60?

0 — 5 — 10 — 15 — 20 — 25 — 30
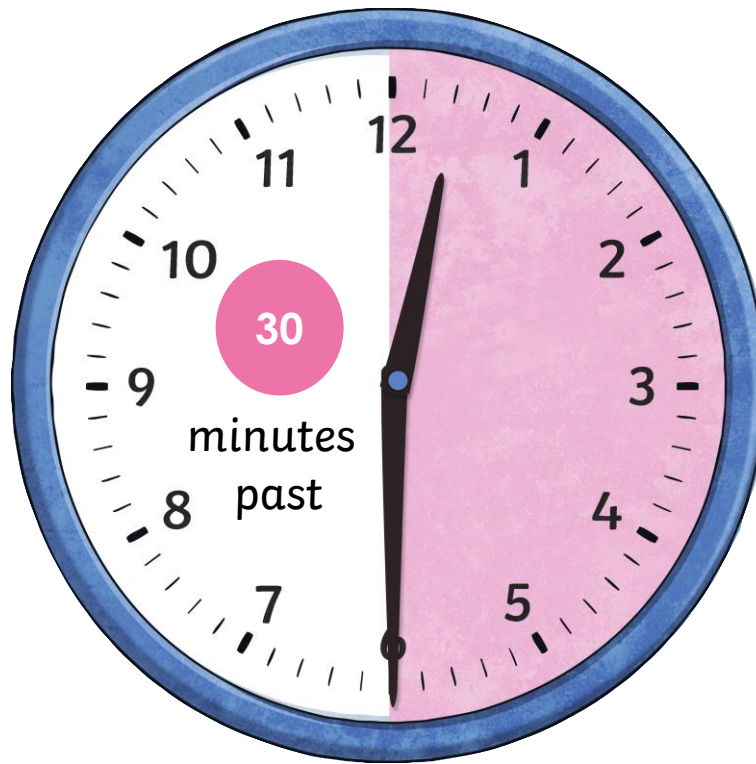
35 — 40 — 45 — 50 — 55 — 60

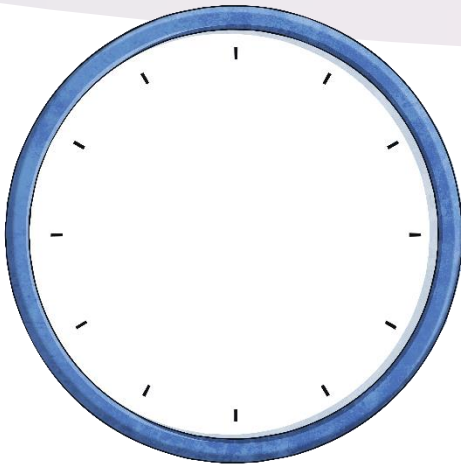Why is this skill useful when telling time?

Telling the Time

The big hand on the clock counts the minutes and is called **the minute hand.**
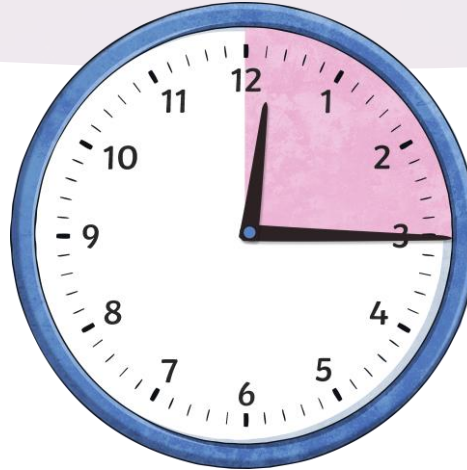We are going to look now at the minutes **past** the hour.

Time

How many minutes are in an hour?
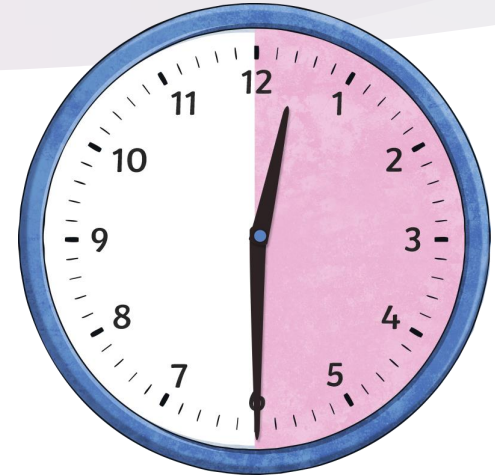
60 minutes

= an hour

Why is 15 minutes called 'quarter past'?

15 minutes

= a quarter of an hour

Why is 30 minutes called 'half past'?

30 minutes

= half an hour

What Time Does it Say on the Clock?
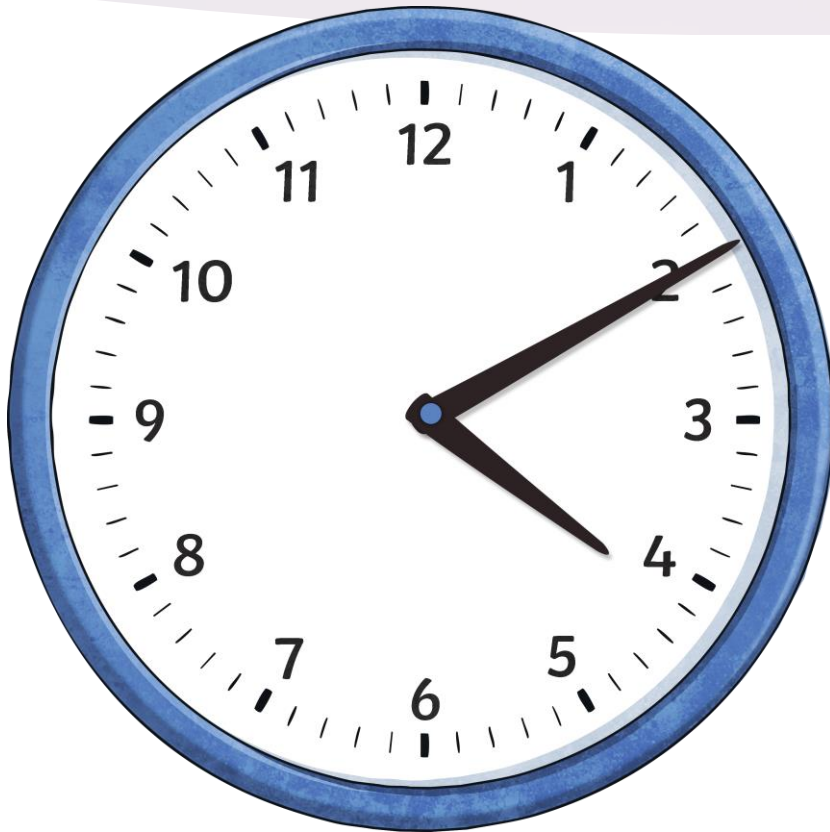
ten past four

or

04:10

What Time Does it Say on the Clock?
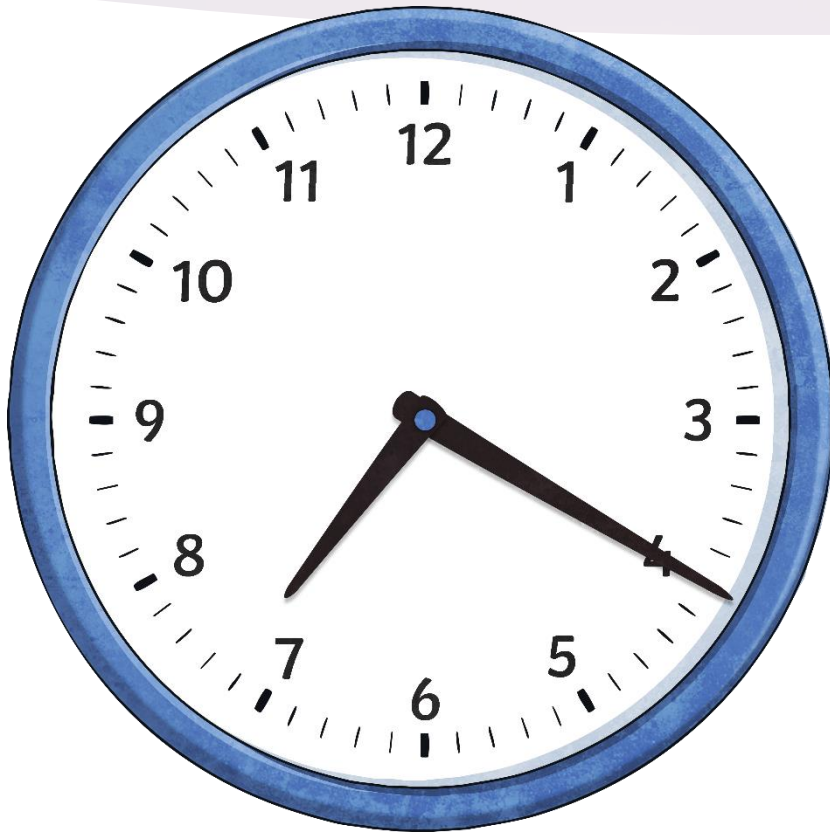
twenty past seven

or

07:20

What Time Does it Say on the Clock?
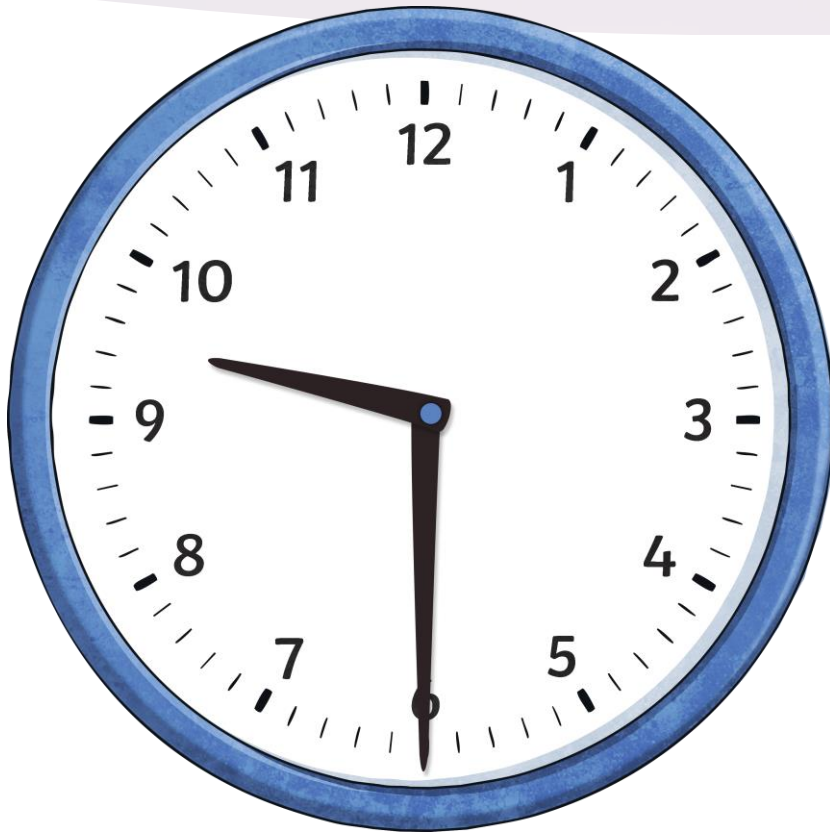
half past nine

or

09:30

Telling the Time

Now let's look at the other half of the clock.
We are going to look at the minutes **to** the next hour.
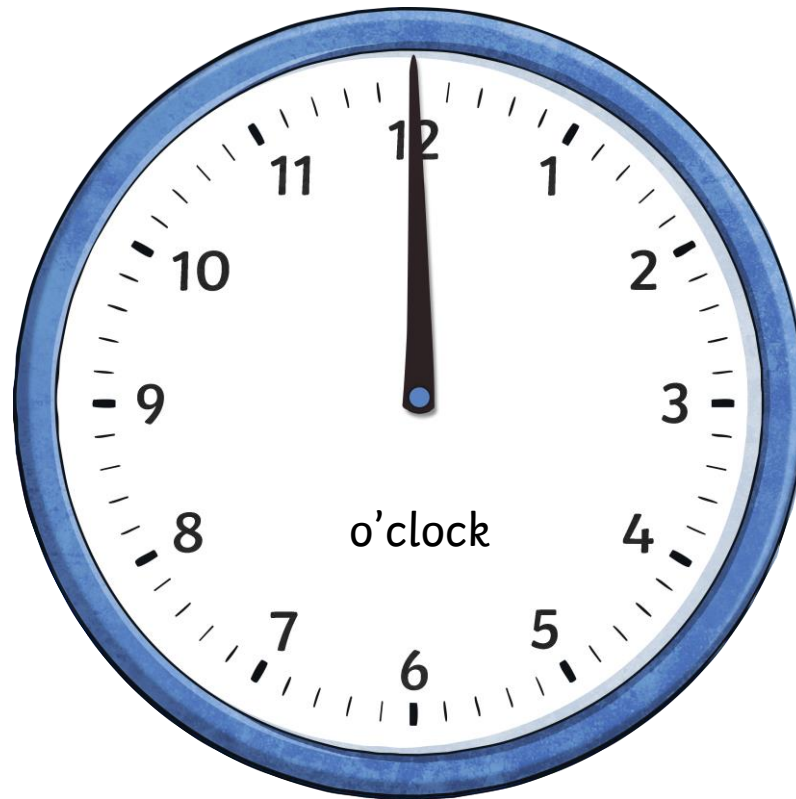
o'clock

What Time Does it Say on the Clock?
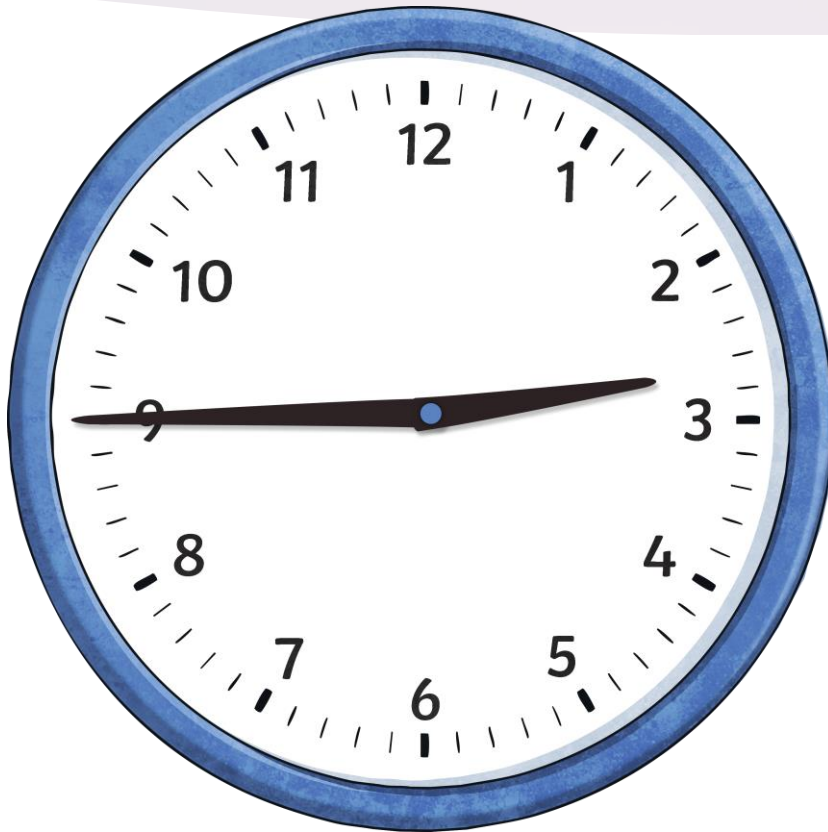
15 minutes to three

or

quarter to three

or

02:45

What Time Does it Say on the Clock?
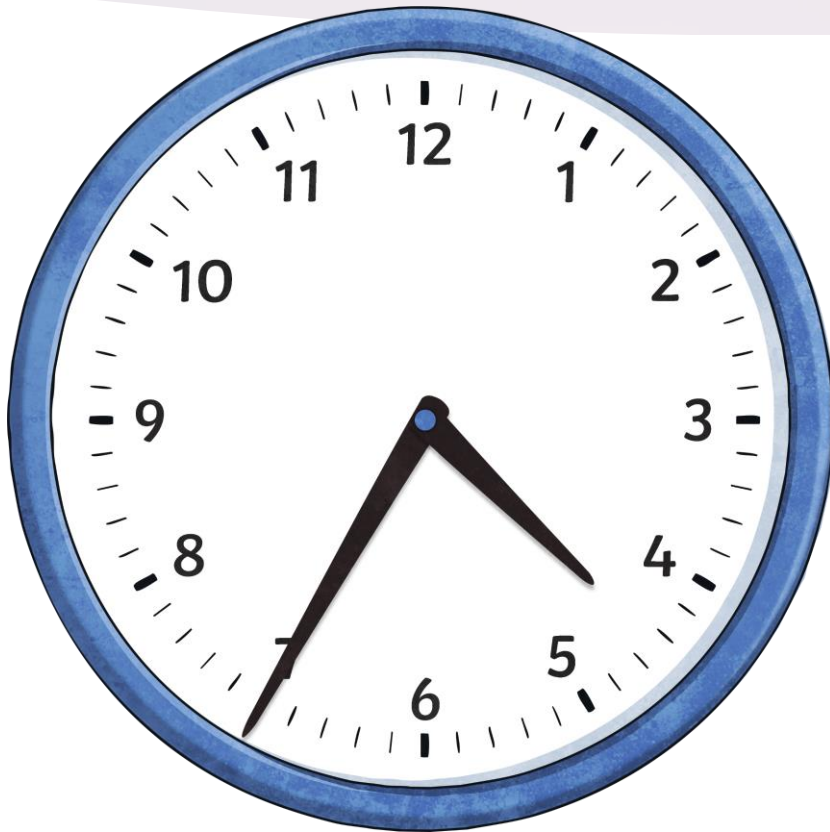
25 minutes to five

or

04:35

What Time Does it Say on the Clock?
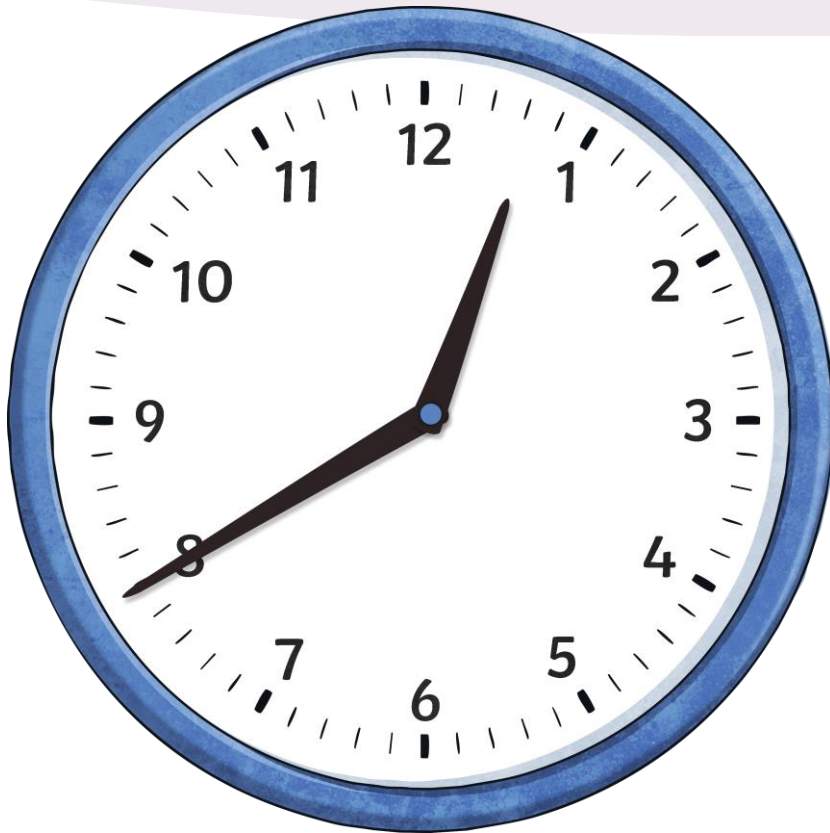
20 minutes to one

or

12:40

Task #1

Write the times out in analogue **and** digital times
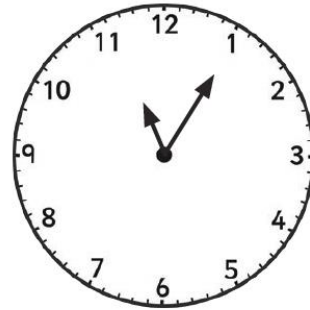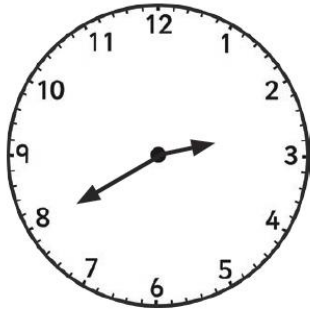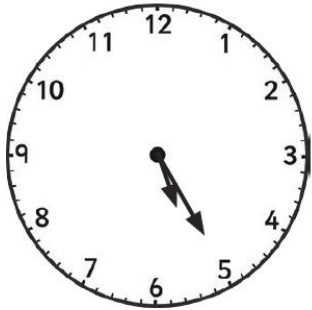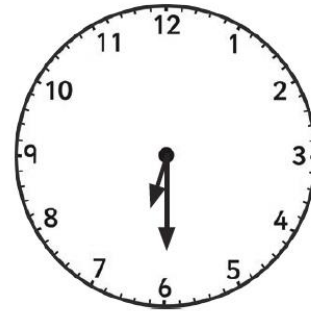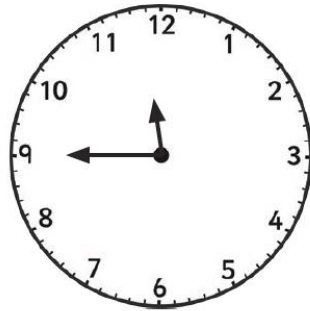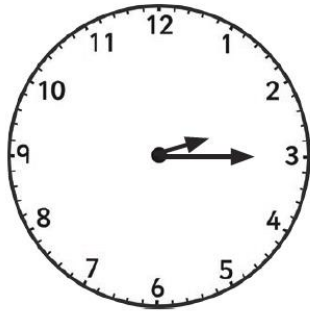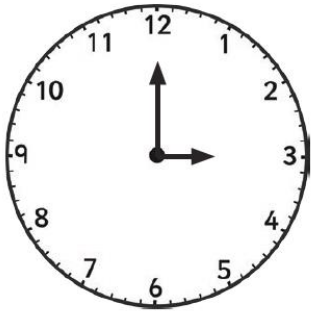
Challenge:
One hour and 10 minutes has passed.

Can you write the new time for each of the clocks.

Task #2

Time how long it takes you to tidy your room!

If you're in school, you can do this task when you're home! ☺ Ask the adults in school if they need help tidying anything up. Sanitise your hands first!

Do not rush! It needs to be spotless.

Time

LI: to read, record and convert any time in both 12 hour and 24 hour notation

Starter – Daily 5

Pyramids

1. 4240 ÷ 8
2. 2/5 of 75
3. 259 x 23
4. (13 x 9) + 231
5. Round 574873 to the nearest 10000

Cubes

1. 14 ÷ 2
2. ¼ of 20
3. 4 x 10
4. 8 x 2
5. Round 43 to the nearest 10

Cuboids

1. 42 ÷ 6
2. ¼ of 28
3. 6 x 6
4. 7 x 4
5. Round 572 to the nearest 100

Spheres

1. 432 ÷ 8
2. ¼ of 28
3. 324 x 7
4. 847 x 8
5. Round 5372 to the nearest 100

The 24 Hour Day

A day has 24 hours. A clock has 12 hours.
This means each time will happen twice every day.

half past 2 in the morning
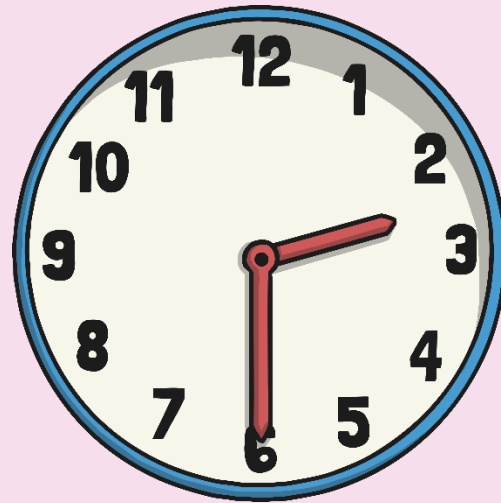
half past 2 in the afternoon

a.m. and p.m.

We have to use a way to write these times differently. One way is to use a.m. and p.m.

a.m. (ante meridiem – before noon)	p.m. (post meridiem – after noon)
2:30 a.m.	2:30 p.m.
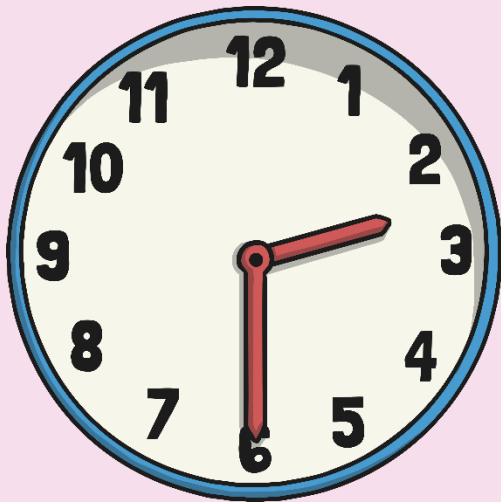
The 24 Hour Clock

Another way is to use a 24 hour clock.
This means the hours after 12 noon are converted to 13:00 to 23:00.

2:30
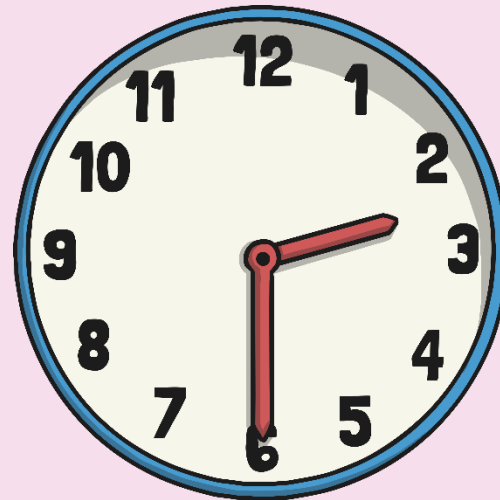
14:30

A 4 digit format is used. 2 digits for the hour, a colon (:) and 2 for the minutes.

24 Hour Hours

This clock and table show the corresponding hours on a 24 hour clock.
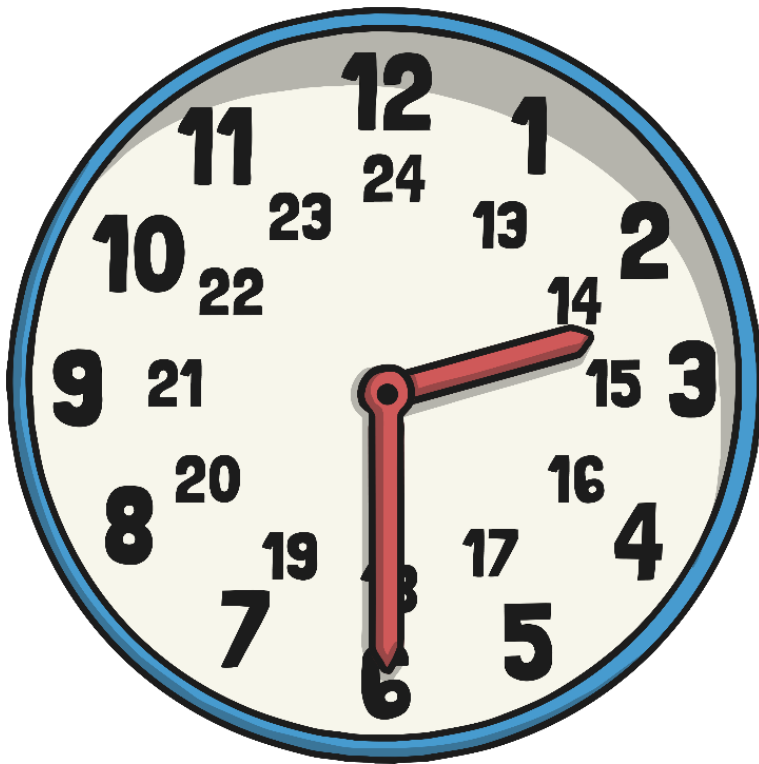
0:00 = 12:00 AM	12:00 = 12:00 PM
01:00 = 1:00 AM	13:00 = 1:00 PM
02:00 = 2:00 AM	14:00 = 2:00 PM
03:00 = 3:00 AM	15:00 = 3:00 PM
04:00 = 4:00 AM	16:00 = 4:00 PM
05:00 = 5:00 AM	17:00 = 5:00 PM
06:00 = 6:00 AM	18:00 = 6:00 PM
07:00 = 7:00 AM	19:00 = 7:00 PM
08:00 = 8:00 AM	20:00 = 8:00 PM
09:00 = 9:00 AM	21:00 = 9:00 PM
10:00 = 10:00 AM	22:00 = 10:00 PM
11:00 = 11:00 AM	23:00 = 11:00 PM

Midnight is referred to as 00:00

24 Hour Time in the Morning

To convert between 12 and 24 hour time in the morning change the format.

6:00 a.m.	becomes →	06:00
10:30	becomes →	10:30 a.m.
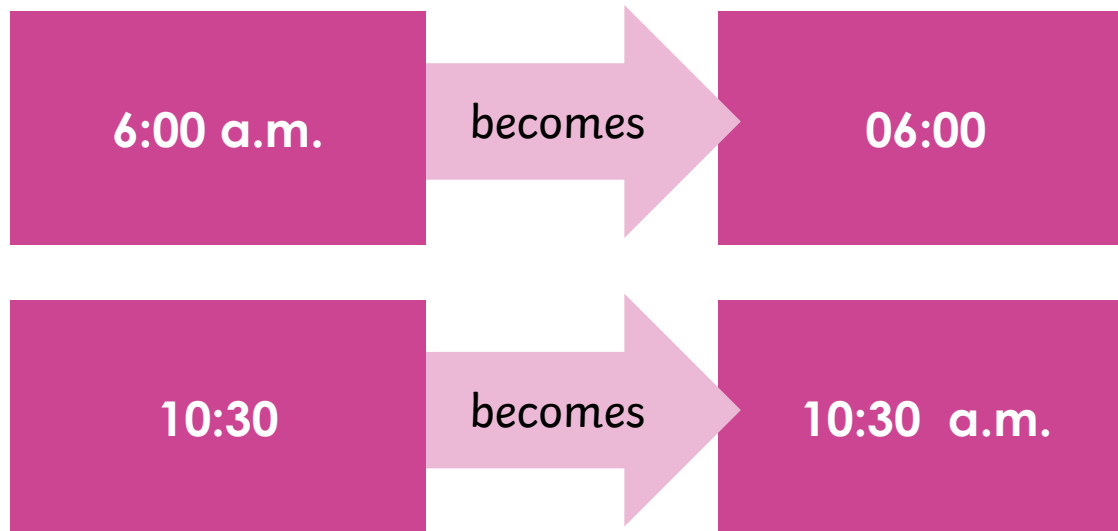
The hours stay the same.

24 Hour Time in the Afternoon

To convert between 12 and 24 hour time in the afternoon add or subtract 12 hours and change the format.

6:00 p.m. becomes 18:00

22:30 becomes 10:30 p.m.

Convert 12 to 24 hour

Convert these times to 24 hour time

12 hour time	24 hour time
2:45 a.m.	
10:20 a.m.	
1:55 p.m.	
3:05 p.m.	
5:35 p.m.	
8:40 p.m.	
11:25 p.m.	

Challenge:

2 hours and 5 minutes have passed for each of these times. What is the new 24 hour time?

Convert 24 to 12 hour

Convert these times to 12 hour time

24 hour time	12 hour time
03:15	
11:15	
14:45	
16:20	
18:55	
21:05	
22:35	

Challenge:
1 hour and 15 minutes has passed for each of these times. What is the new 24 hour time?

LI: to use a range of strategies to solve problems

Morning Challenge

Complete this multiplication grid.

×	9	4	6
5			
2			
3			

Hide Answers

twinkl.com

Problem Solving Chilli Challenge

Chilli Challenges

Can you complete a challenge?

Burning Up

It's Getting Hot

Nice and Spicy

twinkl

CHOOSE YOUR SPICE!!!

Mild

Medium

Hot

Mild

4 children describe their birthdays.

Mo: My birthday is the first day of the second month.

Teddy: I was born on the 15th of June.

Eva: I was born on the last day of the year!

Dora: I was born two days before Mo.

Can you work out their birthdays and order them from earliest to latest in the year?

Whitney asks Rosie and Jack a question.

Whitney: Some months have 31 days, some months have 30 days. How many months have 28 days?

Rosie: Only February has 28 days.

Jack: Every month has 28 days.

Who do you agree with? Explain your thinking.

Jack takes part in a sponsored silence.

He says,

If I am silent for five hours at 10p per minute, I will raise £50

Do you agree with Jack?
Explain why you agree or disagree.

Dora says,

To convert hours to minutes, I multiply the number of hours by 60

Is she correct? Can you explain why?

Five friends run a race.
Their times are shown in the table.

Name	Time
Eva	114 seconds
Dexter	199 seconds
Teddy	100 seconds
Whitney	202 seconds
Ron	119 seconds

Which child finished the race the closest to two minutes?

What was the difference between the fastest time and the slowest time?
Give your answer in minutes and seconds.

Teddy's birthday is in March.
Amir's birthday is in April.
Amir is 96 hours older than Teddy.
What dates could Teddy and Amir's birthdays be?

Three children are running a race.

- Whitney finishes the race in 3 minutes 5 seconds.

- Eva finishes the race in 192 seconds.

- Alex finishes the race in 2 minutes and 82 seconds.

Who finishes the race first?