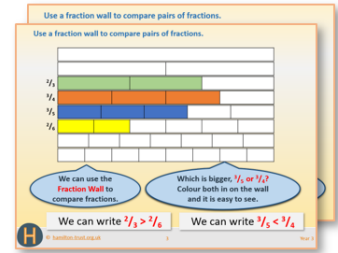


Week 11, Day 1

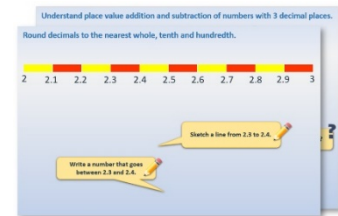
Tell the time to the quarter hour

Each day covers one maths topic. It should take you about 1 hour or just a little more.

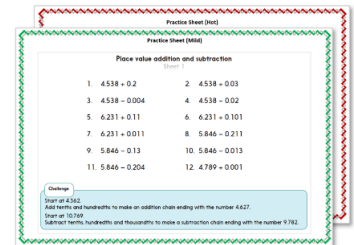
1. If possible, watch the **PowerPoint presentation** with a teacher or another grown-up.



OR start by carefully reading through the **Learning Reminders**.



2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



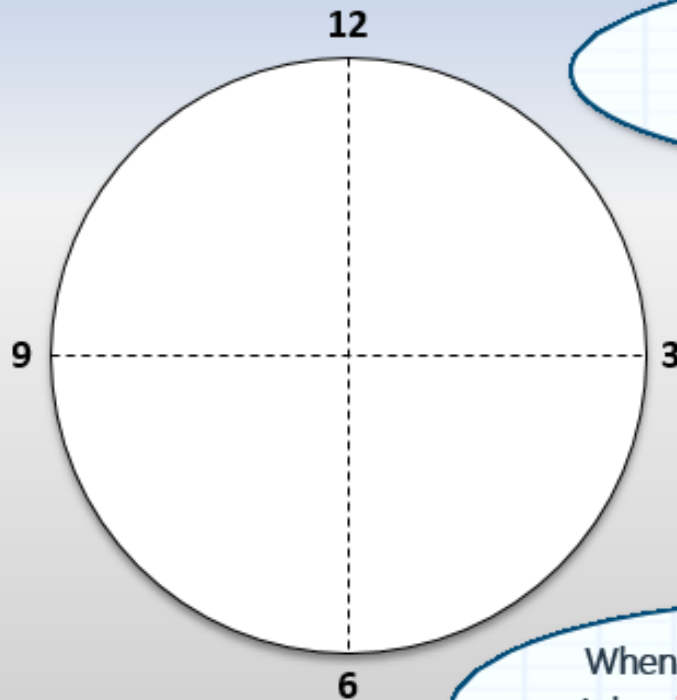
3. Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**



4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the **Investigation**...

Learning Reminders

Read time on analogue clocks to nearest quarter hour.



The circle is divided into quarters. It is a bit like a clock face. Let's put 12 at the top.

3 is a $\frac{1}{4}$ of the way round the clock face. When the minute hand is here, it is $\frac{1}{4}$ of an hour past an o'clock time.

6 is at $\frac{1}{2}$ way round the clock face. When the minute hand is here, it is $\frac{1}{2}$ of an hour past an o'clock time.

When the minute hand is at 9, it has $\frac{1}{4}$ of an hour to go until the next o'clock time.

Learning Reminders

Read time on analogue clocks to nearest quarter hour.



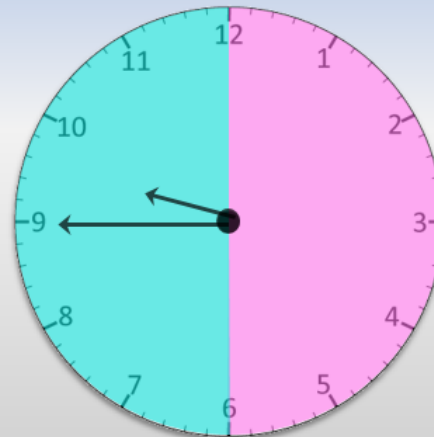
It's 9 o'clock. On this clock the pink tells as 'past' times and the blue tells us 'to' times.

Read time on analogue clocks to nearest quarter hour.



Now it's $\frac{1}{4}$ of an hour **after** 9 o'clock. We can write that as **quarter past 9** or **$\frac{1}{4}$ past 9**.

Read time on analogue clocks to nearest quarter hour.

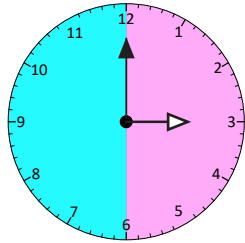


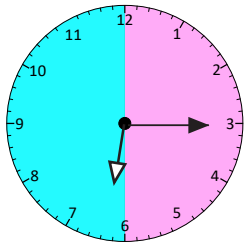
Now it's only $\frac{1}{4}$ of an hour **before** 10 o'clock. We can write that as **quarter to 10** or **$\frac{1}{4}$ to 10**.

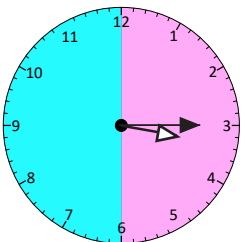
Practice Sheet Mild

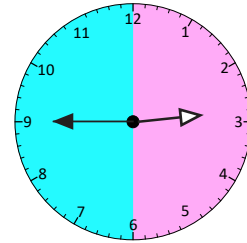
Writing the time

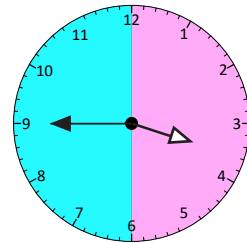
1. Write the time in words next to each clock:

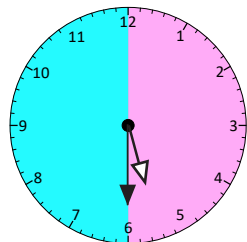






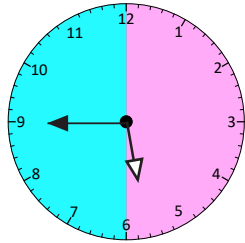


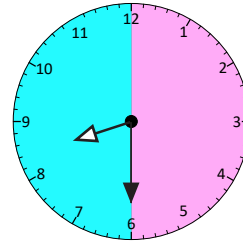


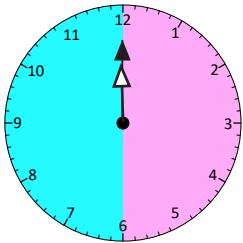


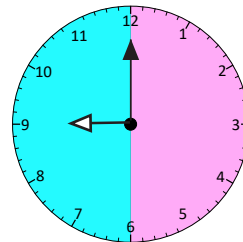
Practice Sheet Mild

Writing the time





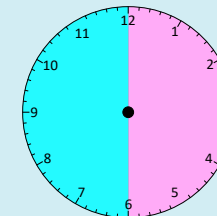
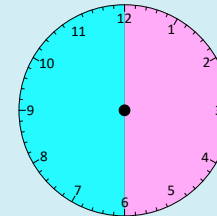
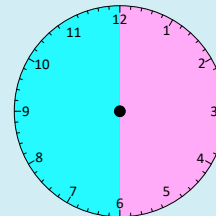
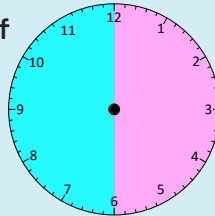




Challenge

On the clocks draw hands to show the times that each of these events happens:

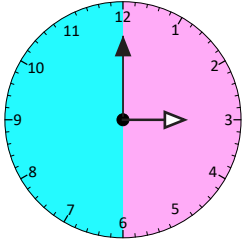
- Tea time
- Bed time
- School start time
- Playtime

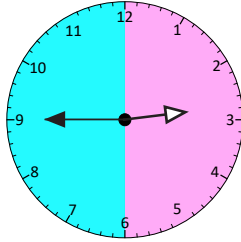


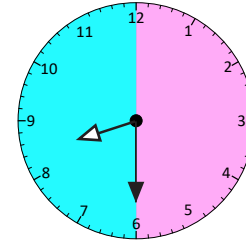
Practice Sheet Hot

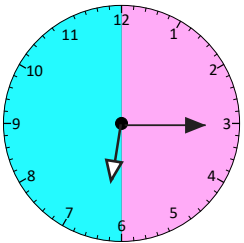
Writing the time

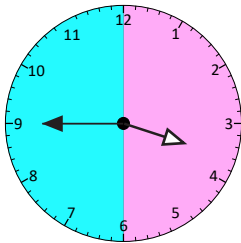
1. Write the time in words under each clock.

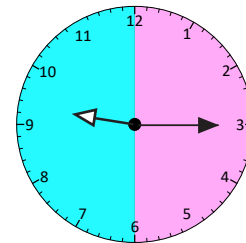


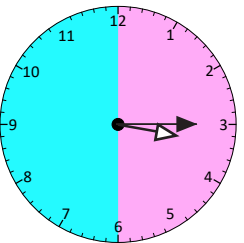


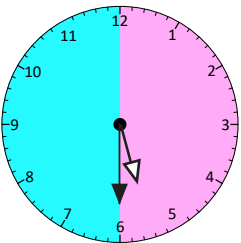


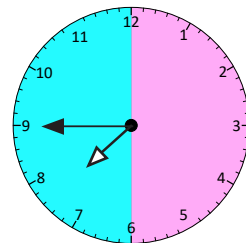






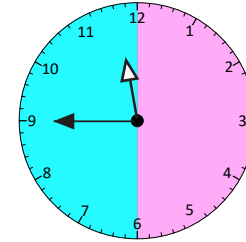
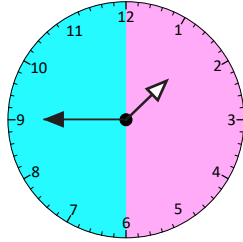
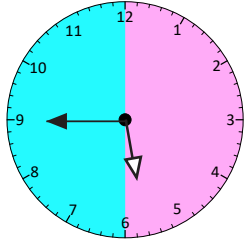






Practice Sheet Hot

Writing the time

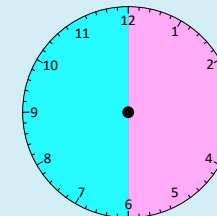
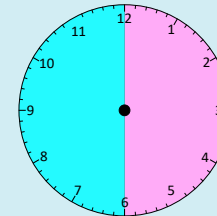
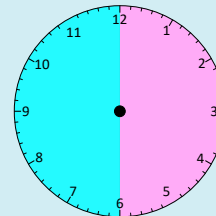
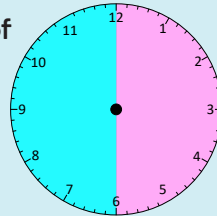


2. Choose four different clocks.
What might you do at that time of day?
Draw a picture next to the clocks you choose.

Challenge

On the clocks draw hands to show the times that each of these events happens:

- Tea time
- Bed time
- School start time
- Playtime



Practice Sheets Answers

Writing the time (mild)

- | | | |
|----|--------------------|------------------|
| 1. | Three o'clock | Quarter to three |
| | Quarter past six | Quarter to four |
| | Quarter past three | Half past five |
| | Quarter to six | Half past eight |
| | Twelve o'clock | Nine o'clock |

Challenge

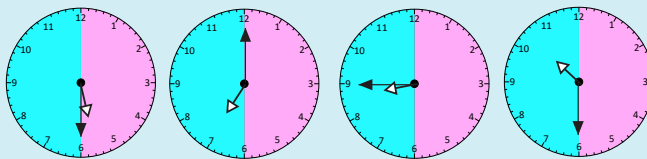
Suggested answers but times will differ per child.

Tea time

Bedtime

School start time

Playtime



Writing the time (hot)

- | | | | |
|----|--------------------|------------------|-------------------|
| 1. | Three o'clock | Quarter to three | Half past eight |
| | Quarter past six | Quarter to four | Quarter past nine |
| | Quarter past three | Half past five | Quarter to eight |
| | Quarter to six | Quarter to two | Quarter to twelve |
2. Children draw a picture by their chosen clocks to depict what they do at that time of the day.

Challenge

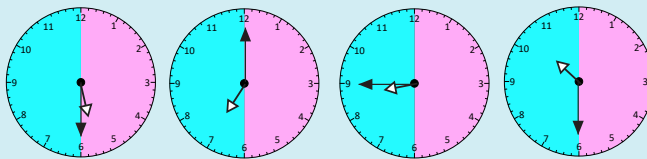
Suggested answers but times will differ per child.

Tea time

Bedtime

School start time

Playtime

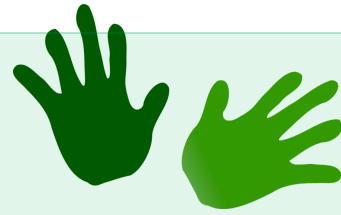


A Bit Stuck? Time triples

Work in pairs

Things you will need:

- A set of time cards
- Glue stick



What to do:

- Spread the time cards out.
- Look for a matching picture of a clock with hands, a digital clock and the time in words.
- Stick these together on a piece of paper.
- Now look for another group of three matching times.
- How many can you find?

S-t-r-e-t-c-h:

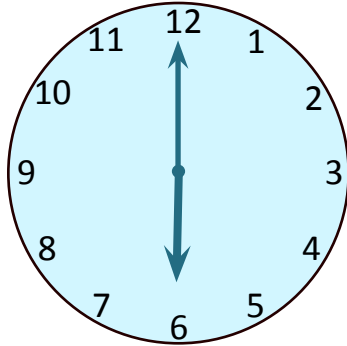
Choose a time and say what happens at that time of day.

Learning outcomes:

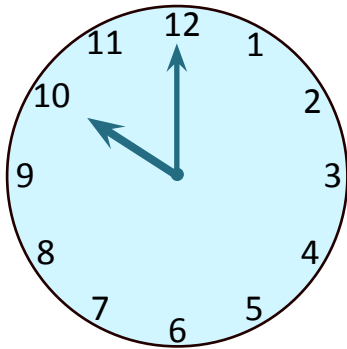
- I can tell the time to the hour on analogue and digital clocks.
- I am beginning to know o'clock times for key times of the day.

A Bit Stuck?
Time triples

02:00



12 o'clock

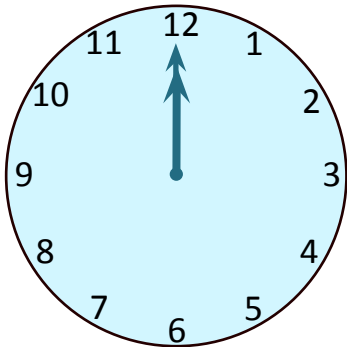
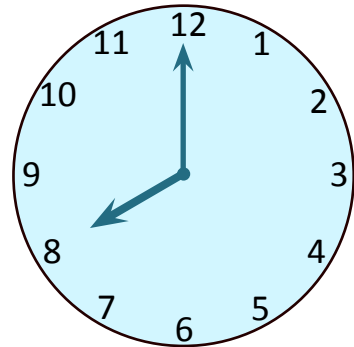


6 o'clock

09:00

4 o'clock

05:00



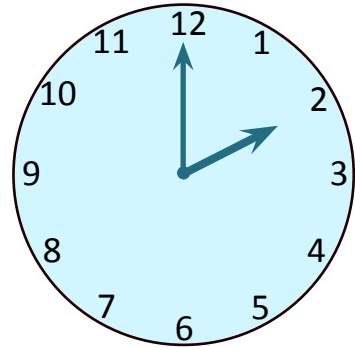
9 o'clock

10:00

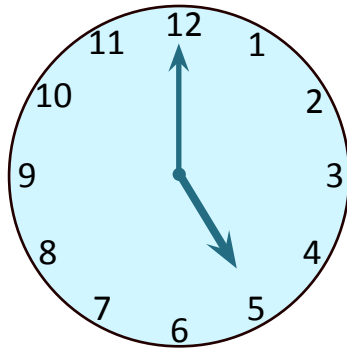
A Bit Stuck?
Time triples

04:00

10 o'clock



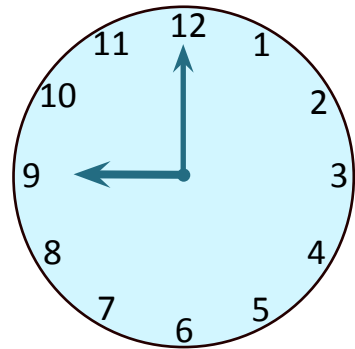
8 o'clock



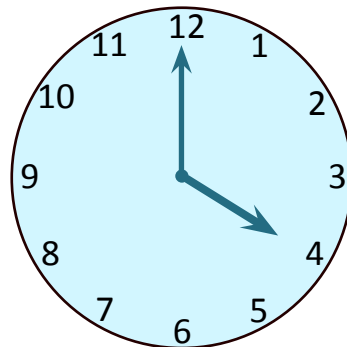
06:00

12:00

2 o'clock



5 o'clock

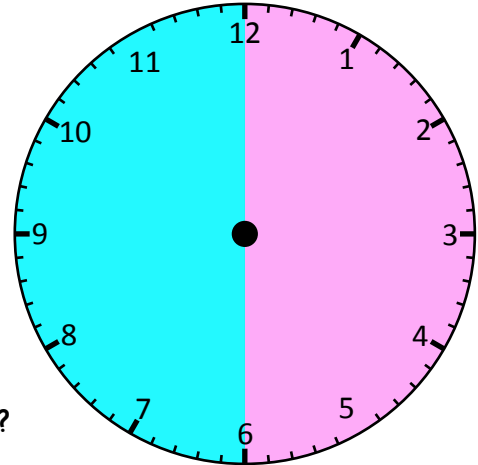


08:00

Investigation

Pink or blue?

- Set your clock to quarter past one.
- Look at the clock face.
Now look at your clock. Both the hands are in the 'pink' half of the clock.
Write this time using digital format, 1:15.
- How many more 'quarter past' times are there where both hands are in the 'pink' half?
Write them all using digital format.



Can you be absolutely sure that you have found them all?

- Now set your clock hands to quarter to 7.
- Look at the clock face. Now look at your clock. Both the hands are in the 'blue' half of the clock. Write this time using digital format, 6:45.
- How many more 'quarter to' times are there where both hands are in the 'blue' half?
Write them all using the digital format.

| Blue | Pink |
|------|------|
| 6:45 | 1:15 |
| | 2:15 |
| | |
| | |
| | |
| | |

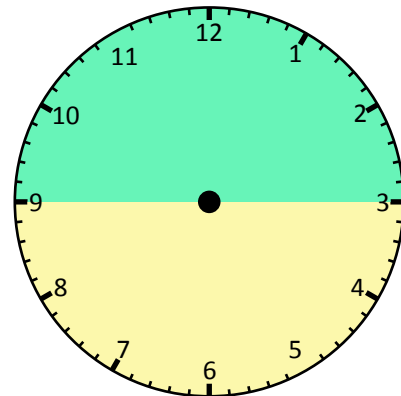
Can you be absolutely sure that you have found them all?

NOTE: If a hand is 'on the line' it can be counted as 'in' either section.

Challenge

- How many 'quarter to' and 'quarter past' times have both hands in the yellow part of the clock?
- How many 'quarter to' and 'quarter past' times have both hands in the green part of the clock?

Can you say how many 'quarter past' and 'quarter to' times there are in the day?



Investigation

Pink or blue?

