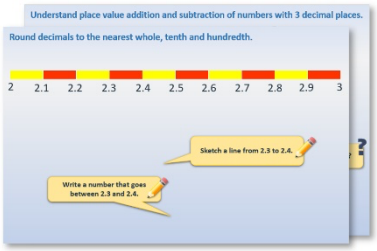
Year 3: Week 4, Day 4
Telling the time (2)

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

1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



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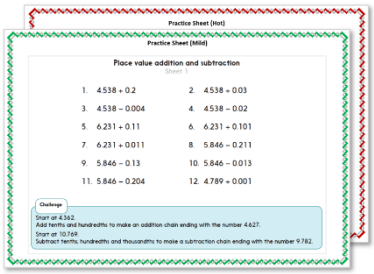
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.



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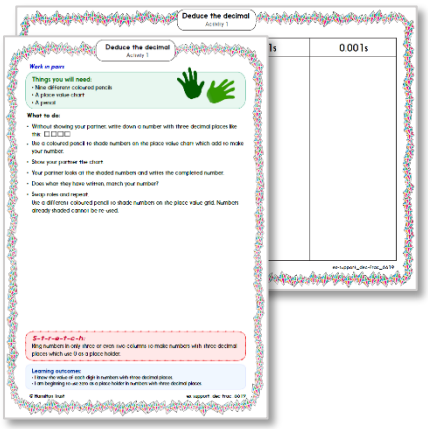
3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**



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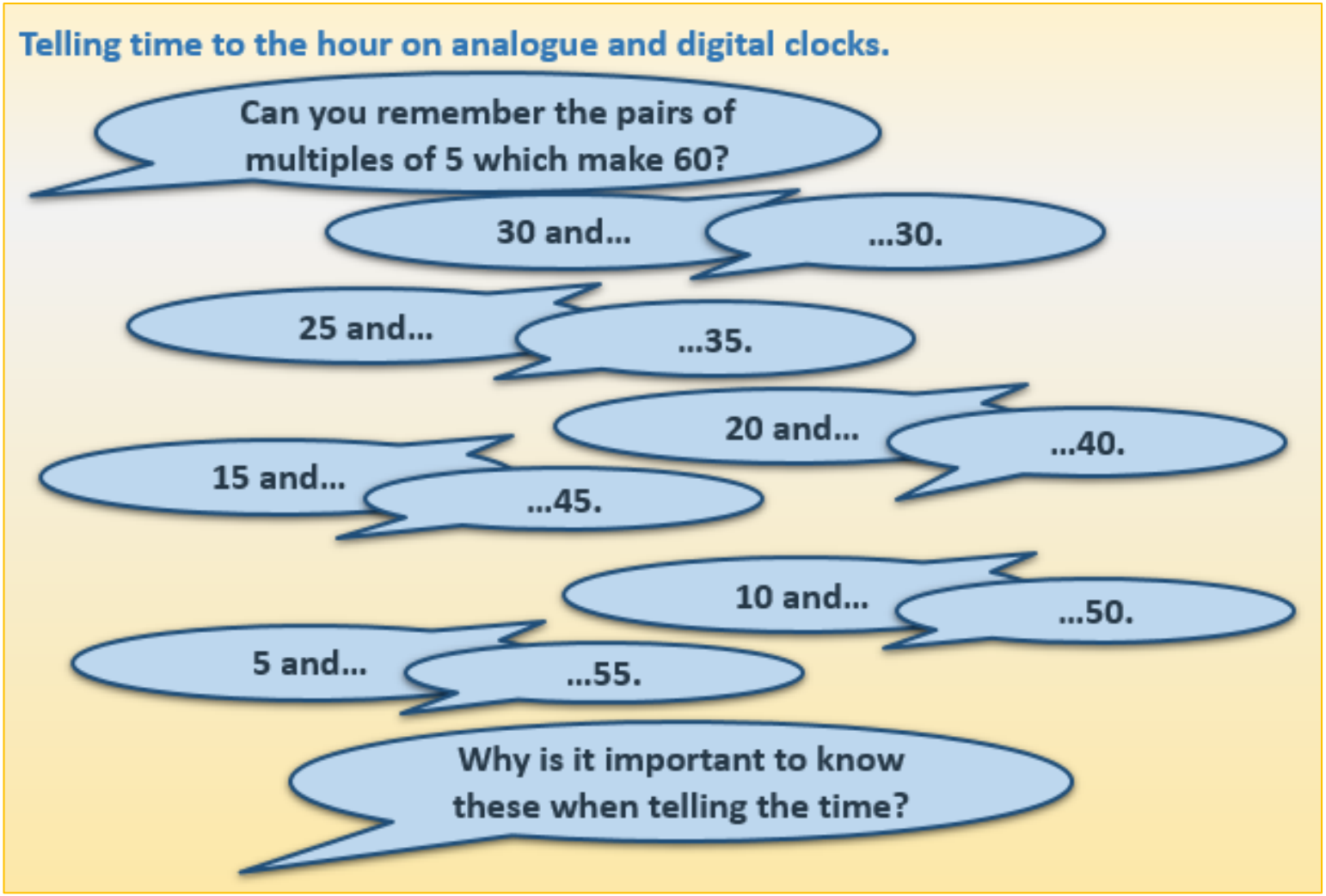
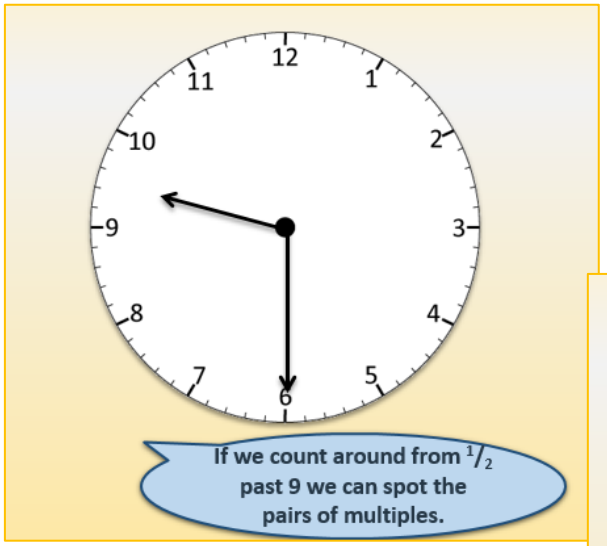
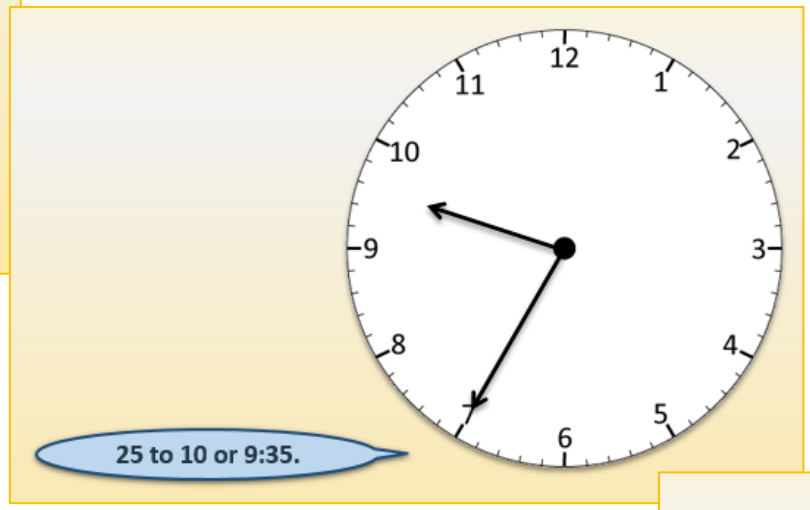
4. I Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the **Investigation**…

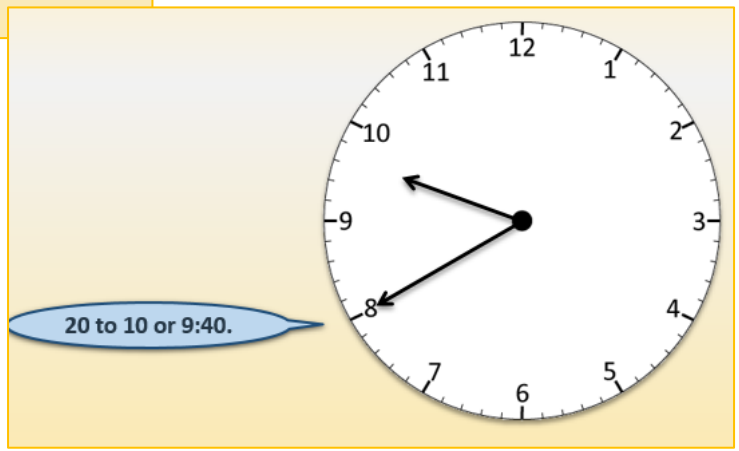
Learning Reminders



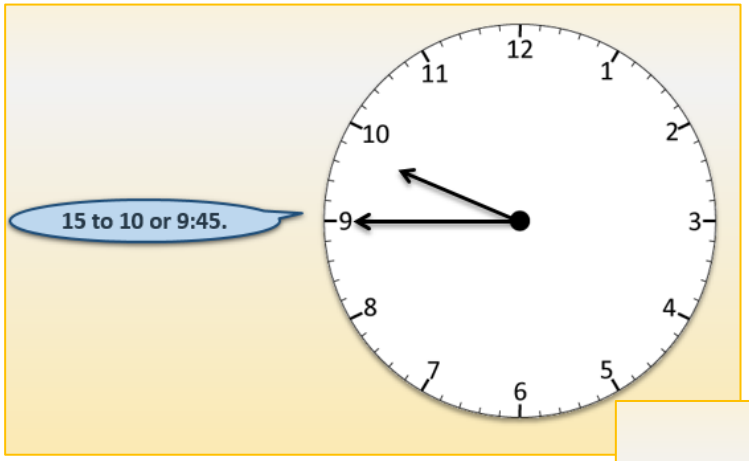
Learning Reminders

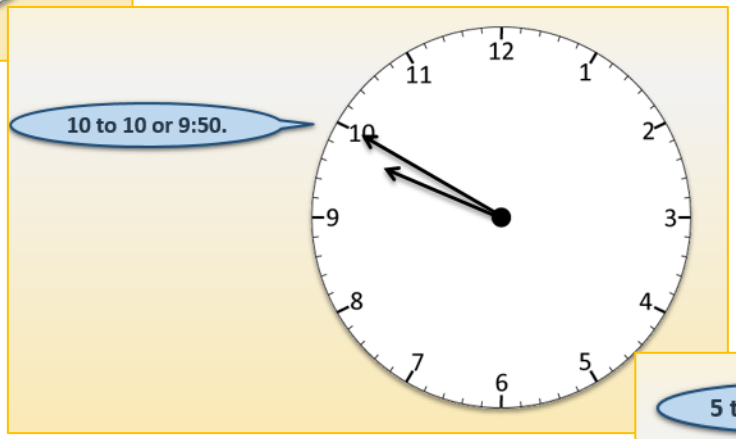


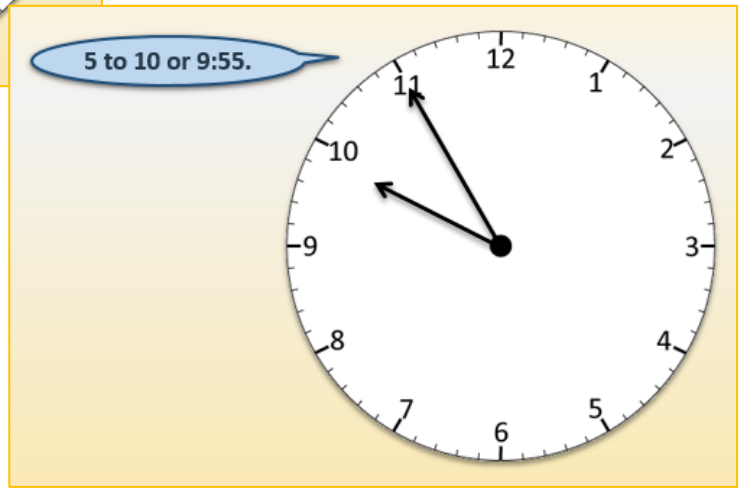




Learning Reminders







Learning Reminders

Telling time to the hour on analogue and digital clocks.

How many minutes to 10 is it?

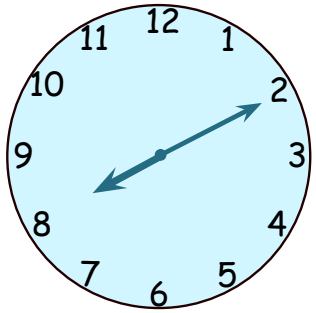
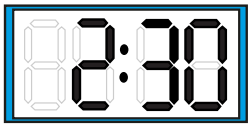
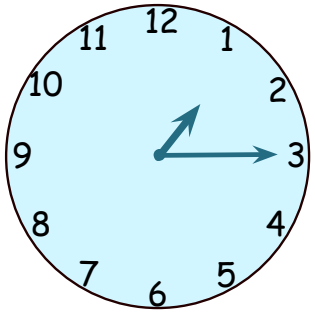
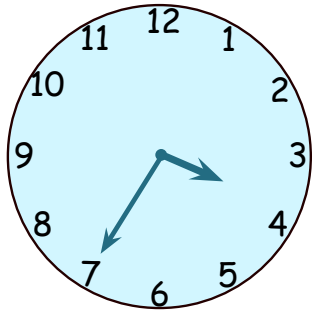
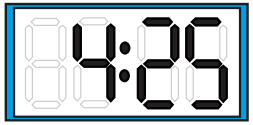
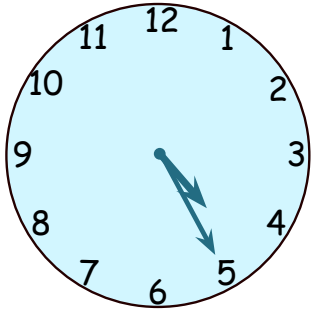
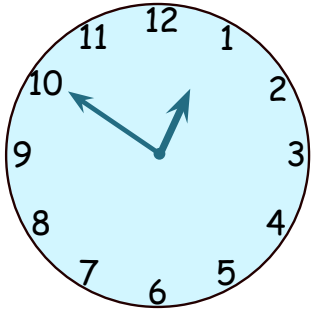
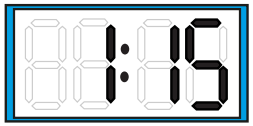
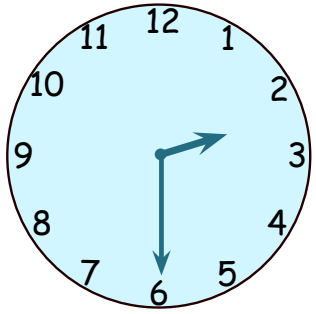
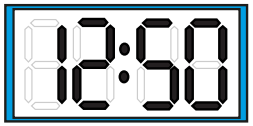
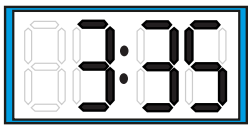
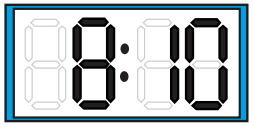
17

We can write that digitally as 9:43, what do you notice about 43 and 17?

Choose a clock, cut it out, read the time and find the matching digital time.
Cut this out and stick the two clocks side by side.
Repeat until you have used all the clocks.

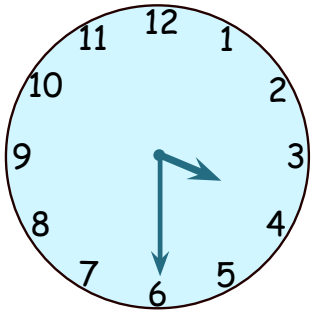
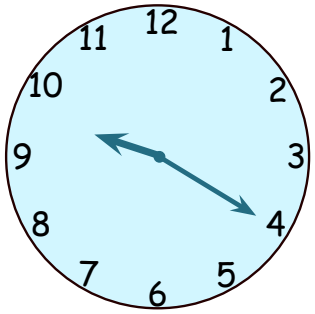
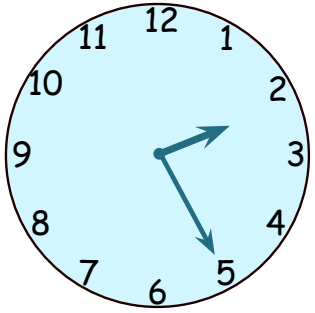
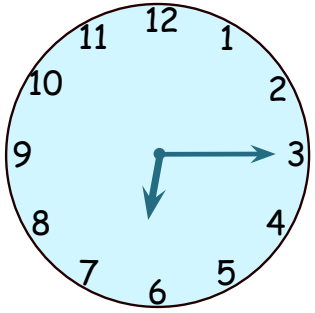
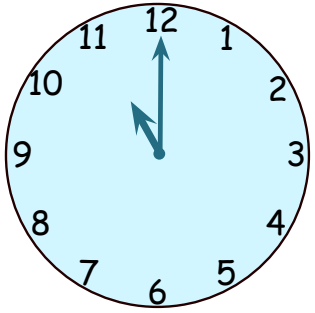
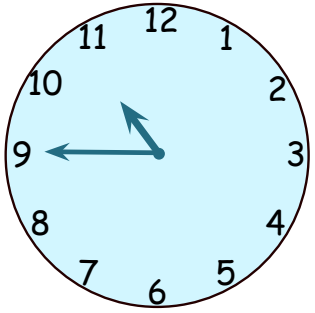
Practice Sheet Mild

Time practice

Practice Sheet Mild

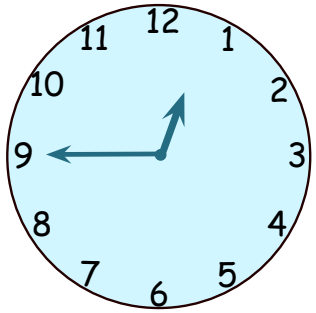
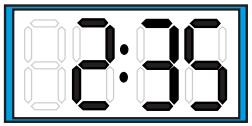
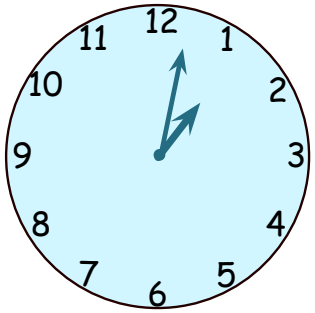
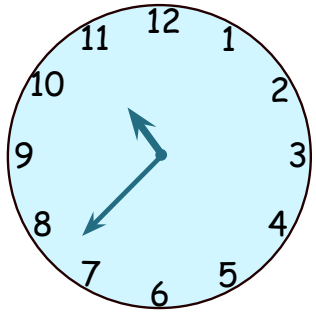
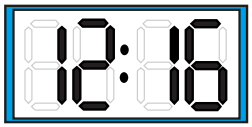
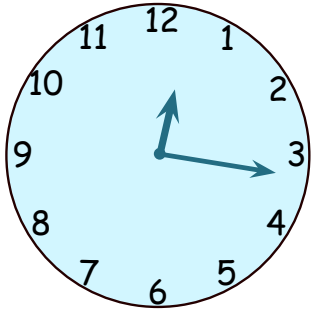
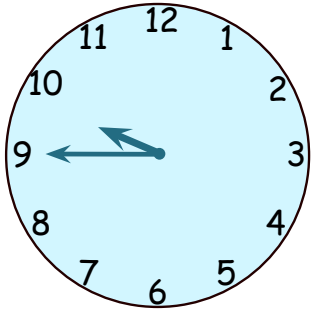
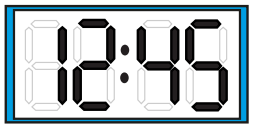
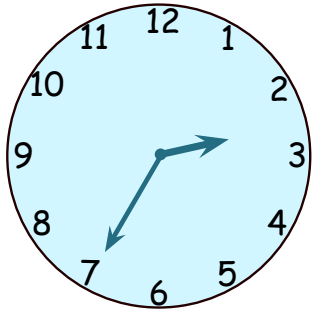
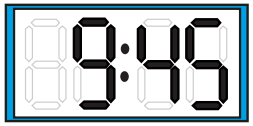
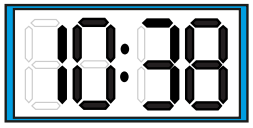
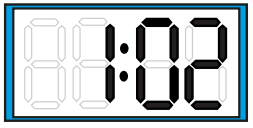
Time practice

6:15			10:45
3:30			2:25
	11:00	9:20	

Choose a clock, cut it out, read the time and find the matching digital time.
Cut this out and stick the two clocks side by side.
Repeat until you have used all the clocks.

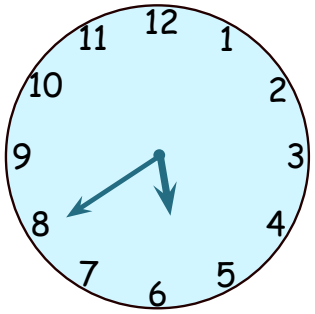
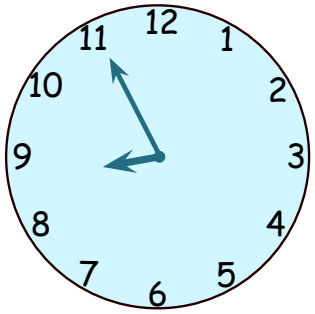
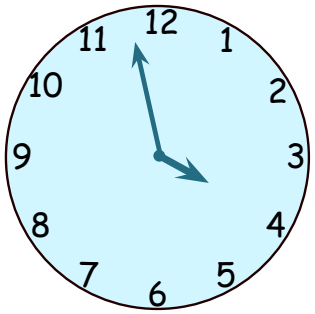
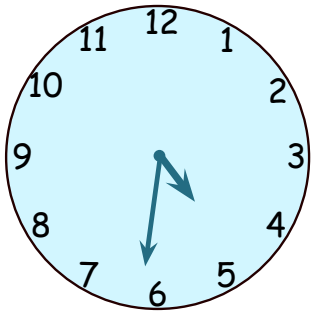
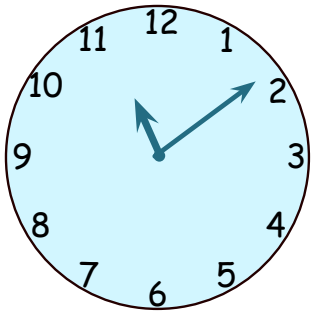
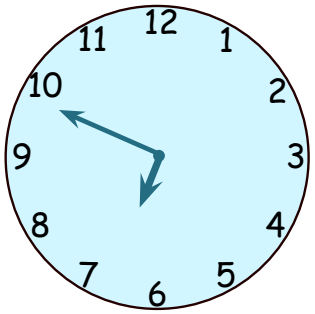
Practice Sheet Hot

Time practice

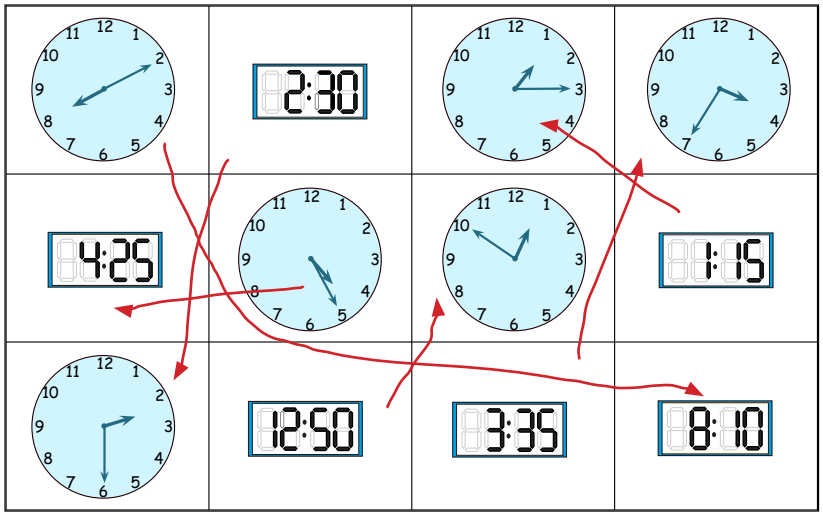
Practice Sheet Hot

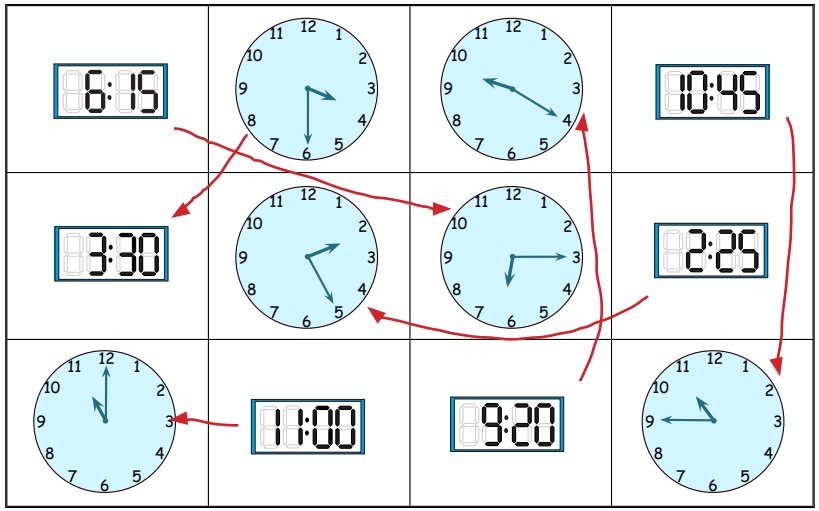
Time practice

6:48			11:09
3:58			4:32
	8:55	5:40	

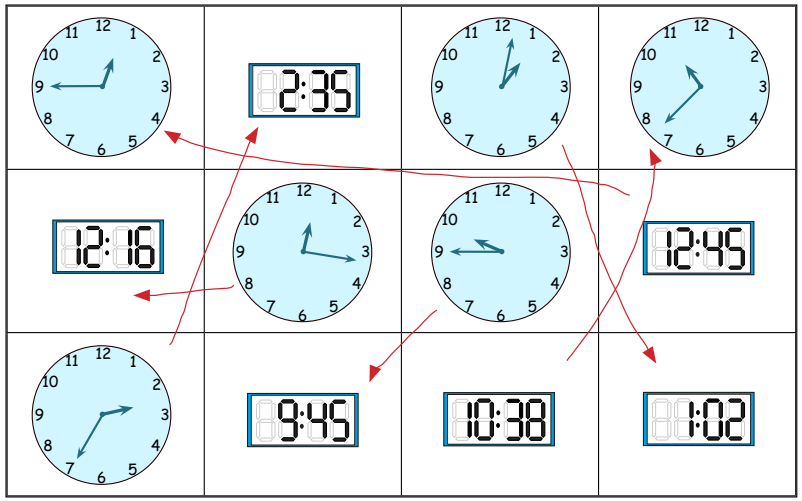
Practice Sheet Answers

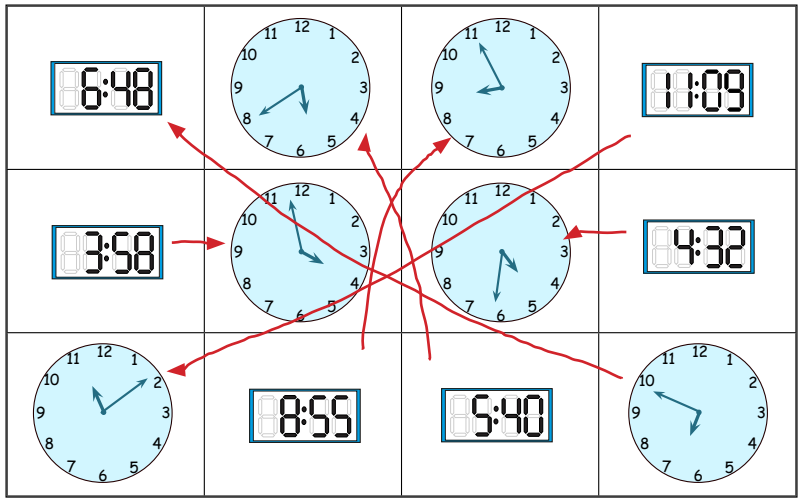
Time practice (Mild)





Time practice (Hot)

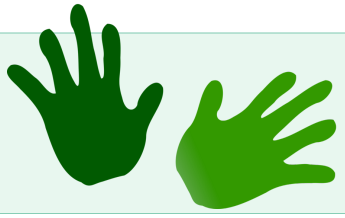




A Bit Stuck?
Match the times

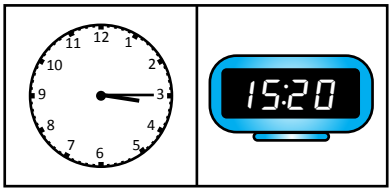
Work in pairs

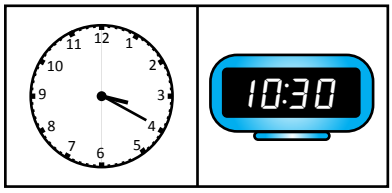
Things you will need:
- A set of dominoes



What to do:

- Work in pairs to make a loop out of the time dominoes.
- Touching ends must have matching times, one analogue and the other digital.





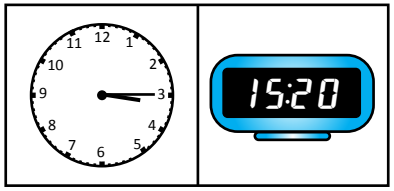
- Can you use all the dominoes in your loop?

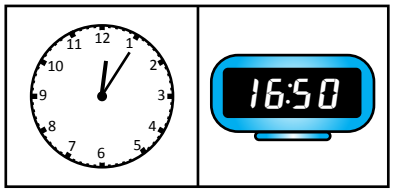
S-t-r-e-t-c-h:

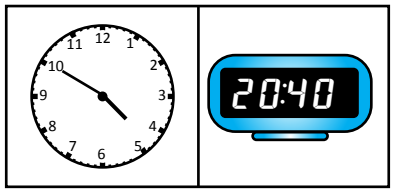
Find pairs of dominoes such that the time on one side is 5 minutes before or later than the time on the other side.
How many are there?

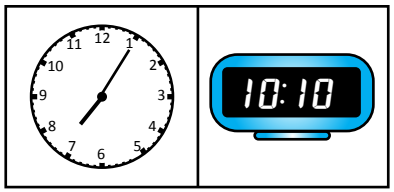
Learning outcomes:
- I can tell the time to 5 minutes on analogue and digital clocks.
- I am beginning to say the time 5 minutes before or after o'clock, ¼ past, ½ past and ¼ to times.

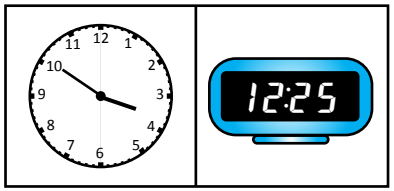
A Bit Stuck?
Match the times

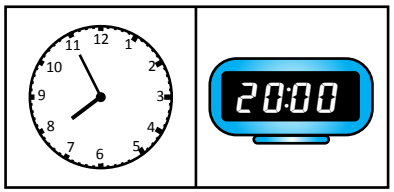


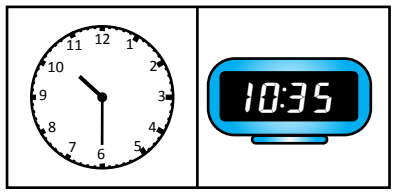


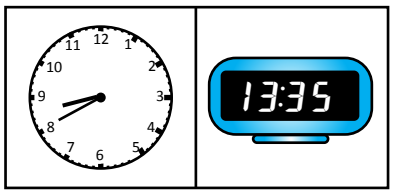


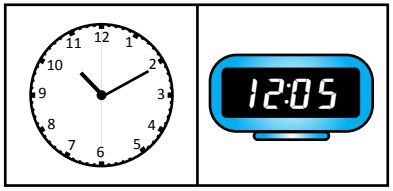


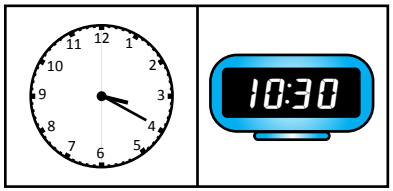


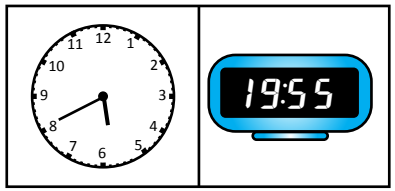


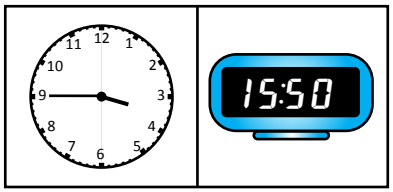


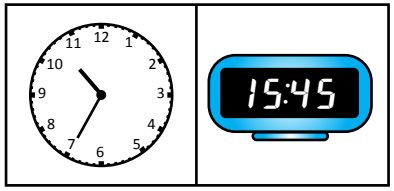


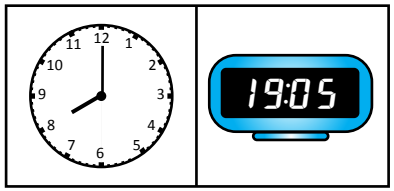


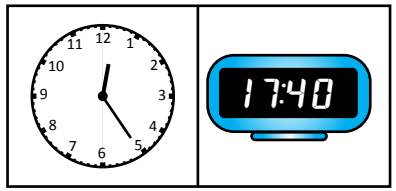


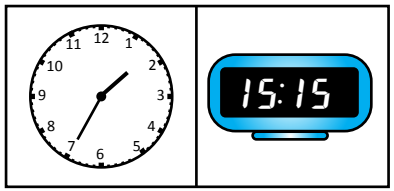












Investigation
Mirror times

You will need:
- an analogue clock
- a mirror

1. Set the analogue clock at three o'clock. Record this time in digital format.

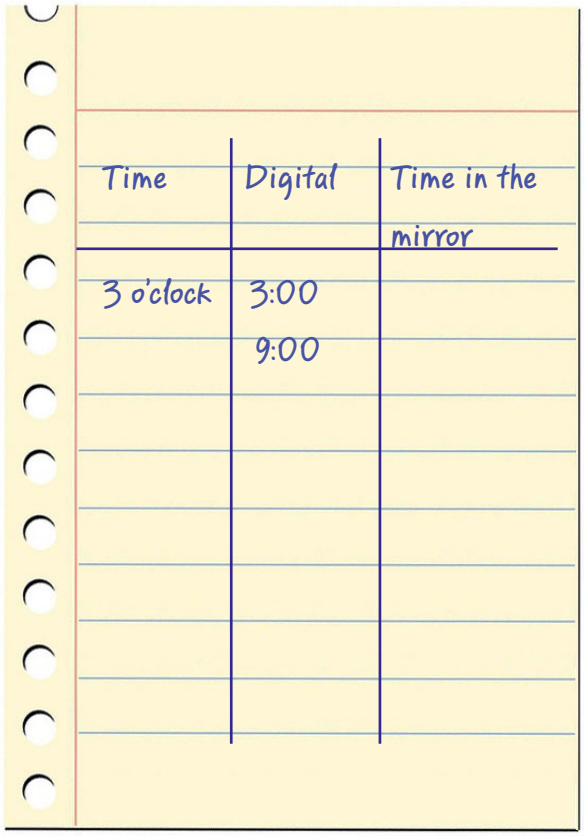
2. Now look at the clock in the mirror. What time does the clock in the mirror say?

3. Record this time in digital format.

4. Set the clock at 25 past 9. Record this time in digital format.

5. Look in the mirror and record the time you see in digital format.

6. Repeat this for ten different times. Make sure they are all times where the minute (big) hand points to a number.



Time	Digital	Time in the mirror
3 o'clock	3:00	
	9:00	

Study your pairs of mirror times.
What do you notice about the minutes in each pair?

Try making other pairs of mirror times. Does the minutes pattern hold?
Is there a pattern to the hours in the mirror times?