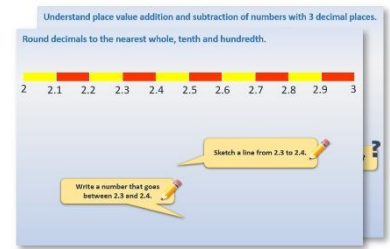


Week 13, Day 5

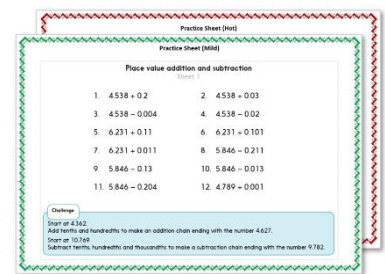
Tell the time on digital and analogue clocks (2)

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

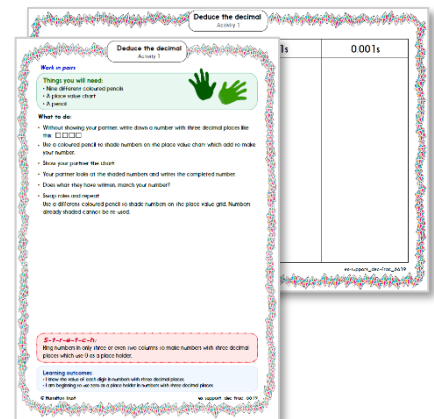
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



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

Tell the time using digital and analogue clocks to 5 minutes.

What does this time look like on an analogue clock and a digital clock?

Quarter to three.

2:45




Tell the time using digital and analogue clocks to 5 minutes.

What does this time look like on an analogue clock and a digital clock?

Twenty past eight.

8:20




Tell the time using digital and analogue clocks to 5 minutes.

What does this time look like on an analogue clock and a digital clock?

Twenty five to three.

2:35



Learning Reminders

Find the time 15 minutes later.



4:30

What's the time 15 minutes later?



4:45

Find the time 15 minutes later.



7:15

What's the time 15 minutes later?



7:30

Find the time 15 minutes later.



9:10

What's the time 15 minutes later?



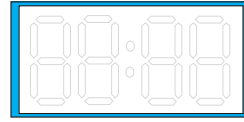
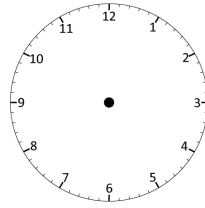
9:25

Practice Sheet Mild

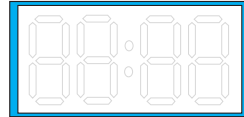
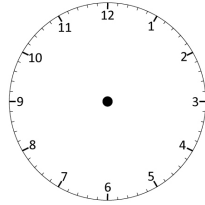
What's the time?

Write the analogue and digital time next to each written time:

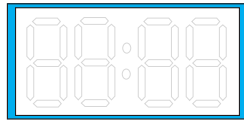
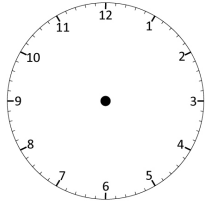
Half past six



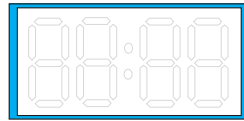
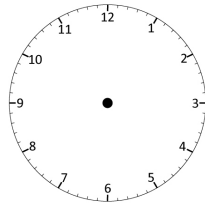
Nine o'clock



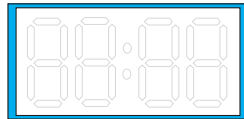
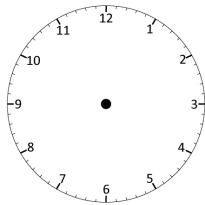
Quarter past twelve



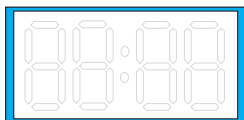
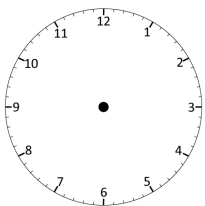
Quarter to three



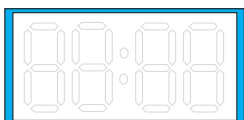
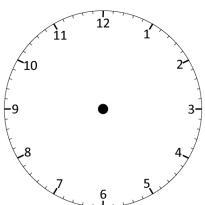
Twenty past seven



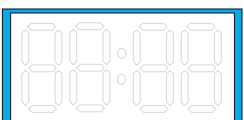
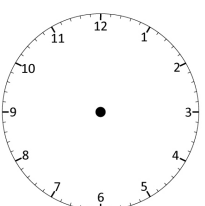
Ten past three



Five past seven



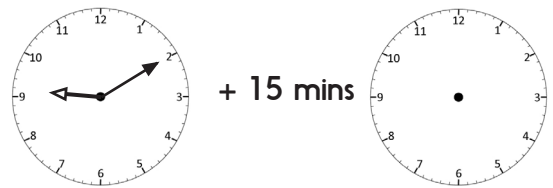
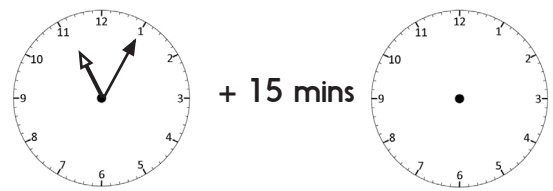
Twenty past one



Practice Sheet Hot

Fifteen minutes later

Write the time given under each clock then draw in the time that is 15 minutes later on the next door clock and write that time under the second clock




Challenge

Can you also write the times 30 minutes after the first time?

Practice Sheets Answers


What's the time? (mild)

Half past six  **6:30**

Nine o'clock  **9:00**

Quarter past twelve  **12:15**

Quarter to three  **2:45**

Twenty past seven  **7:20**

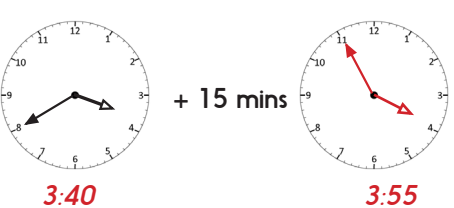
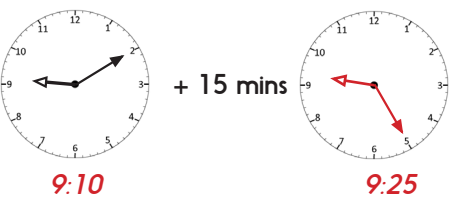
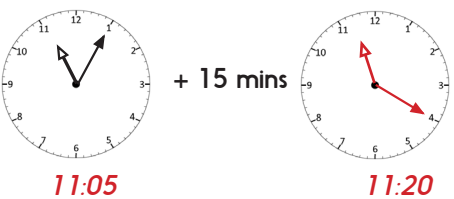
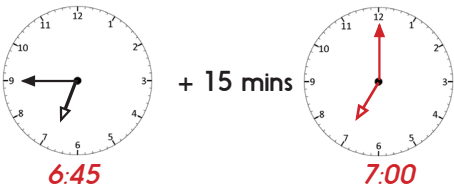
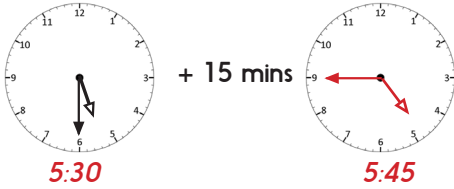
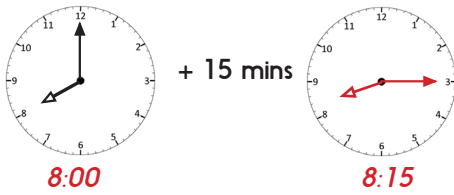
Ten past three  **3:10**

Five past seven  **7:05**

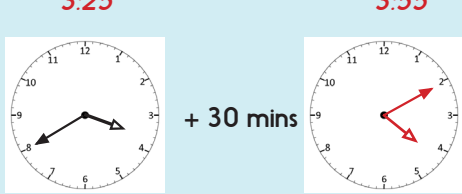
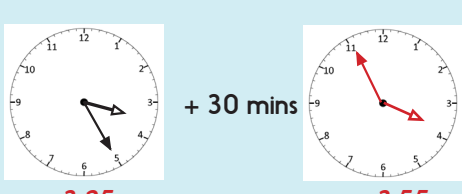
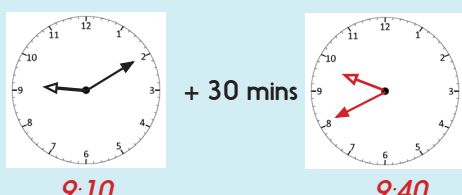
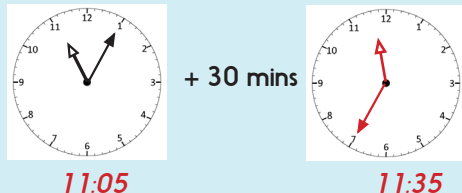
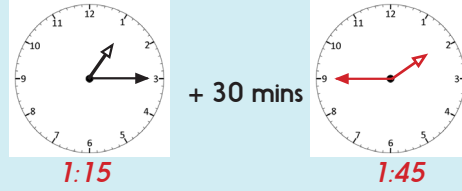
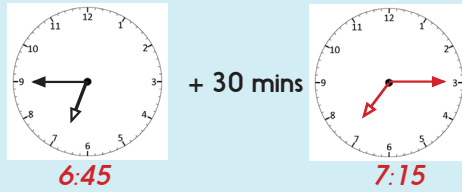
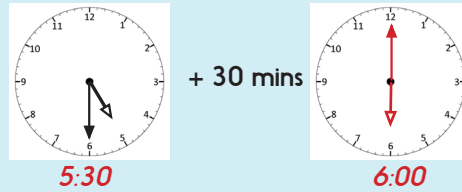
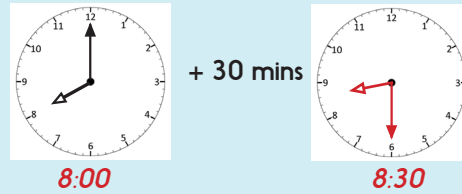
Twenty past one  **1:20**

Practice Sheets Answers Continued

Fifteen minutes later (hot)



Challenge

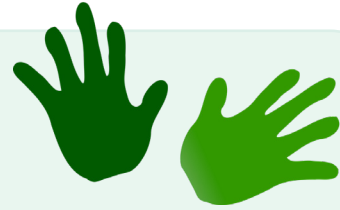


A Bit Stuck? Loop the loop

Work in pairs

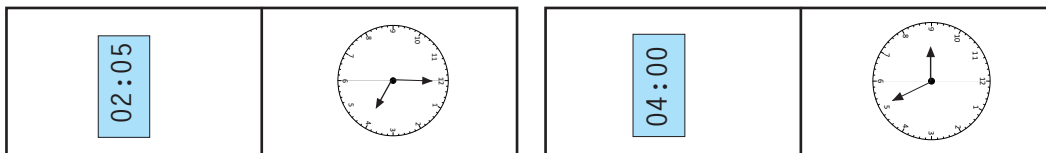
Things you will need:

- Time dominoes (past the hour)



What to do:

- Take one domino.
Look at the analogue clock on one end and find the domino which has the same time but on a digital clock.
Put these together.
- Now look at the digital clock on the other end and find a domino which has the same time but on an analogue clock.
- Keep matching pairs of clocks.
- If you match ALL the times, you can create a loop!



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

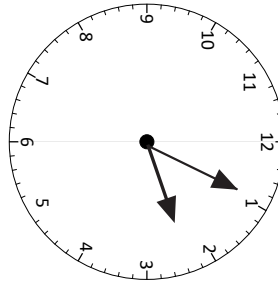
Choose three times. Write them down.
Now write the times 5 minutes after each one.

Learning outcomes:

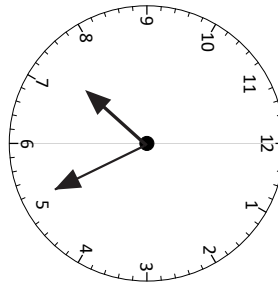
- I can tell the time to five minutes past the hour on analogue and digital clocks.
- I am beginning to say the time five minutes later (past times only).

A Bit Stuck?
Loop the loop

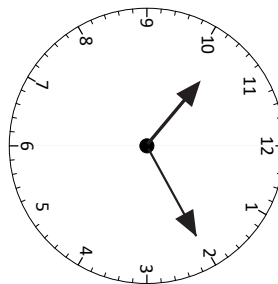
04:00



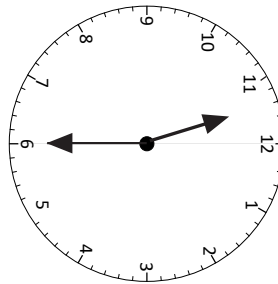
08:15



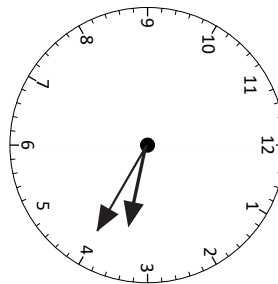
03:20



07:25

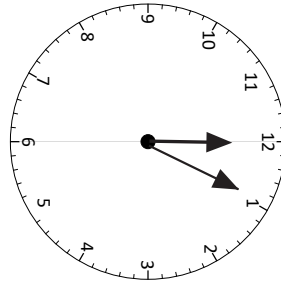


02:05

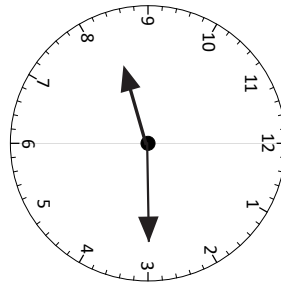


A Bit Stuck?
Loop the loop

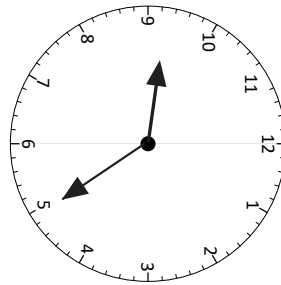
11:30



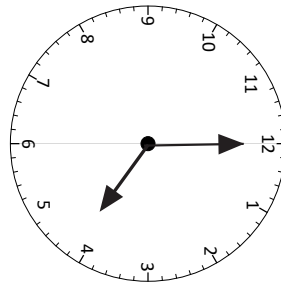
10:10



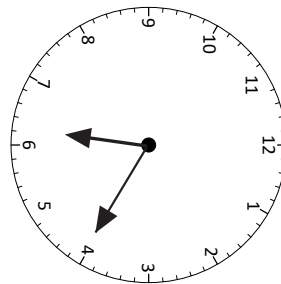
06:20



09:25



12:05



Investigation

Dodgy digital clock



- Ahmed's bedside digital clock is not working properly. One segment of the display doesn't light up.



- Which numbers won't display properly?

0123456789

- Work out how many times between 10:00 and 11:00 won't display properly.

digits spoiled	digits not spoiled
0	1

Have you found a system to show that you have all the possible times which don't display properly?

