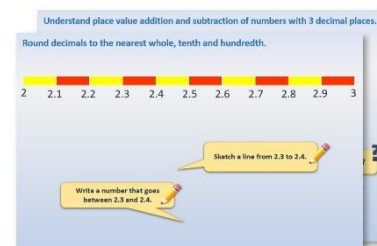


Week 13, Day 4

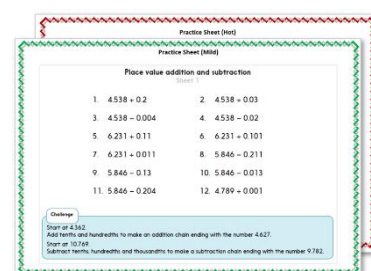
Tell the time on digital and analogue clocks (1)

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

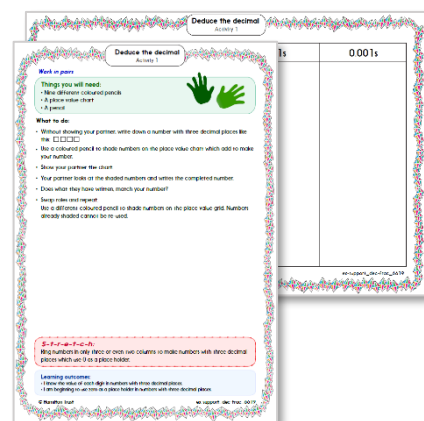
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



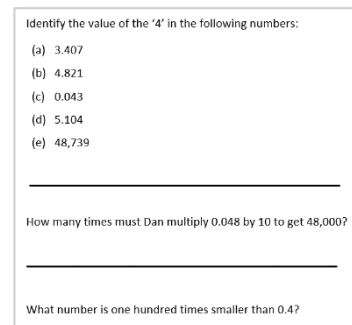
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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



4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!



Learning Reminders

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



This is an **analogue** clock.

Quarter past two. When the minute (long) hand is in the pink it is a 'past' time



Quarter to three. When the minute hand is in the blue it is a 'to' time

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

6:20

This is a **digital** clock. This shows us digital time - just digits, no hands.

2:15

We can just say the numbers, **two fifteen...**

2:45

Two forty five.

Learning Reminders

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



How would you read the time on each clock?



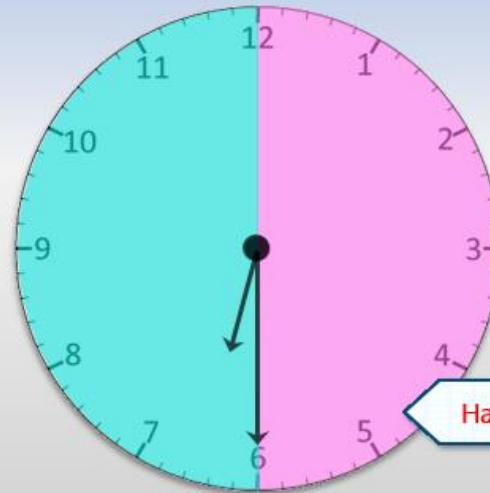
6:15

Six fifteen.

Quarter past six.

Count round the analogue clock in 5s to check the digital times...

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



How would you read the time on each clock?

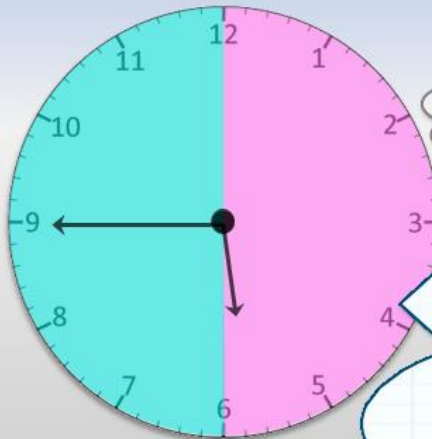


6:30

Six thirty.

Half past six

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



How would you read the time on each clock?



5:45

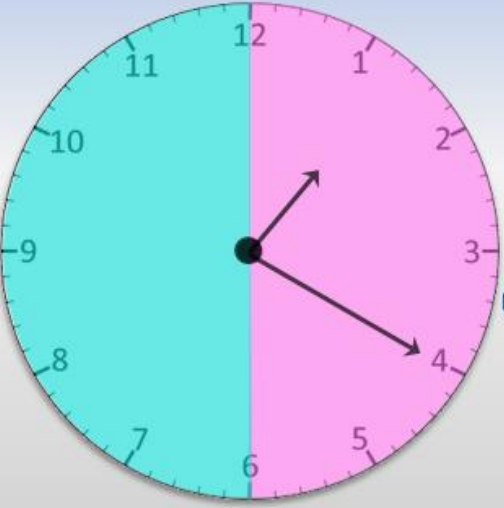
Five forty-five.

Quarter to six.

We don't say '45 minutes past 5' as this is a blue/to time. It's quarter to 6 – even though we say the 6 in analogue time, it isn't 6 o'clock yet.

Learning Reminders

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

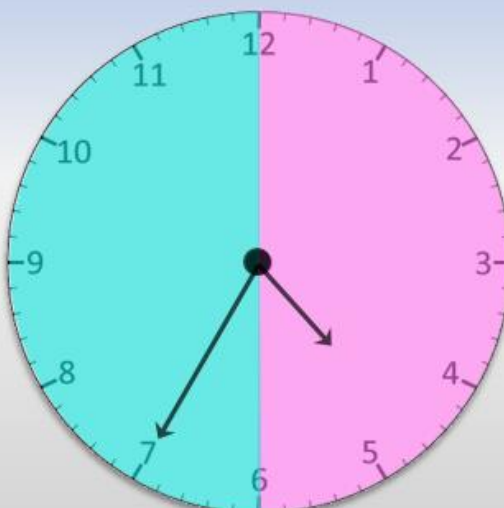


The analog clock has a cyan left half and a pink right half. The hour hand is between 1 and 2, closer to 1. The minute hand points exactly to 4.

Write the missing digital time.

1:20

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



The analog clock has a cyan left half and a pink right half. The hour hand is between 4 and 5, closer to 5. The minute hand points between 7 and 8, closer to 8.

Write the missing digital time.

4:35

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



The analog clock has a cyan left half and a pink right half. The hour hand is between 8 and 9, closer to 8. The minute hand points exactly to 1.

Write the missing digital time.

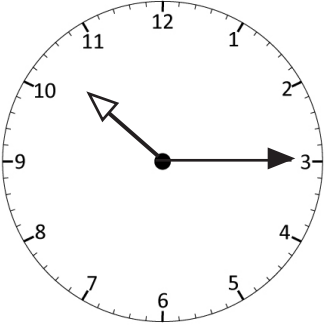
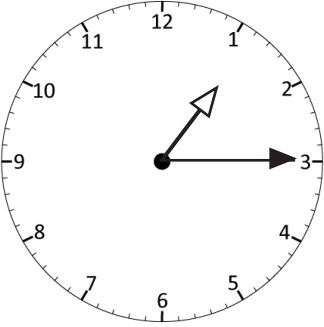
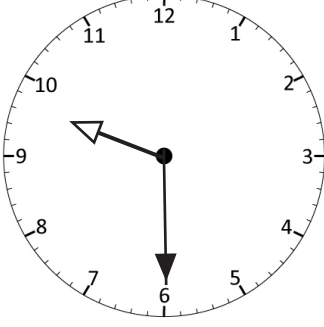
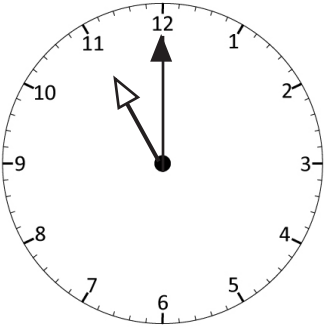
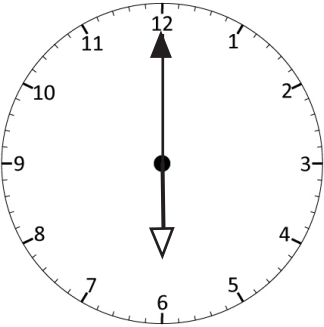
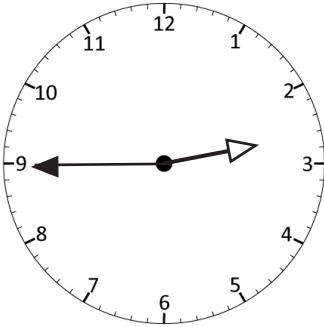
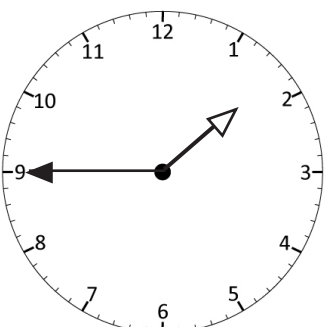
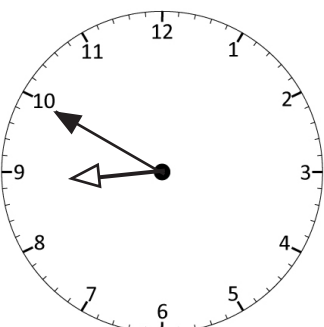
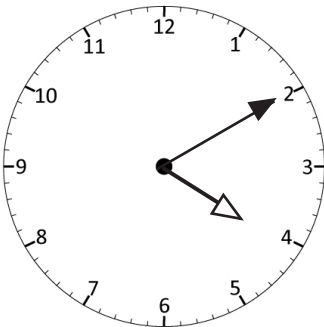
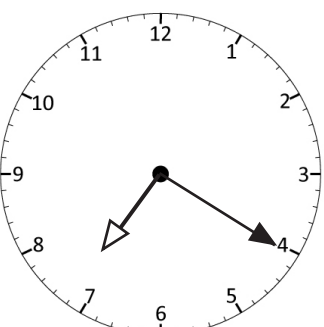
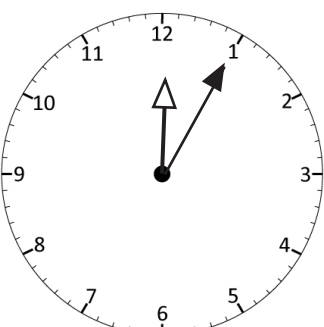
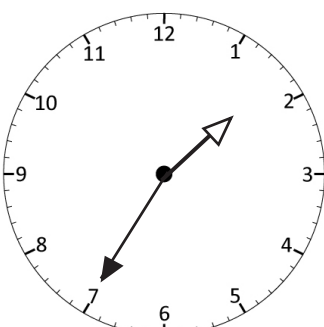
8:05

Don't forget the zero in **8:05!**

Practice Sheet Mild

Matching times

Find matching sets of three cards all showing the same time: one analogue, one digital and one written.

Practice Sheet Mild

Matching times

10:15

1:45

4:10

12:05

7:20

9:30

2:45

11:00

8:50

6:00

1:15

1:35

Practice Sheet Mild
Matching times

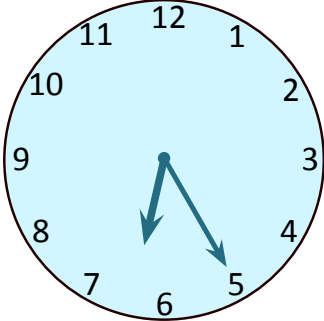
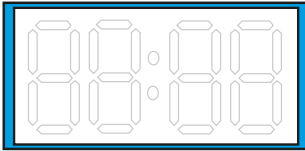
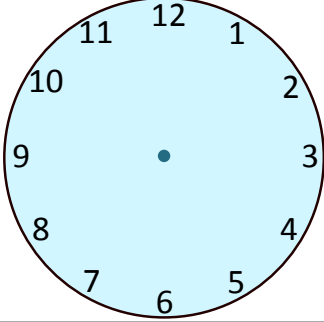
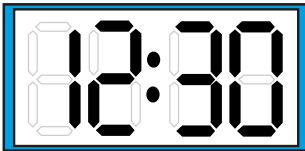
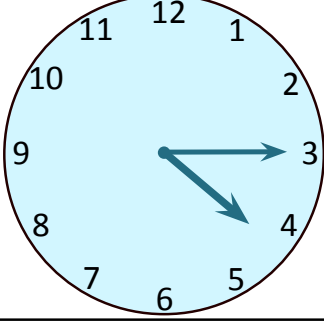
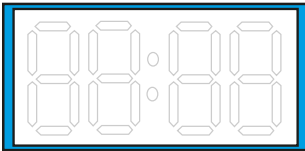
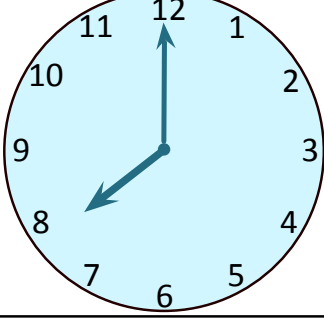
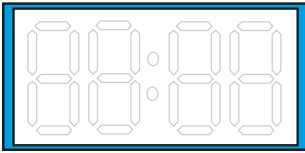
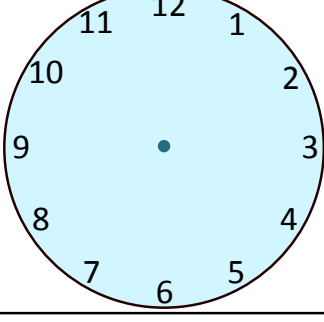
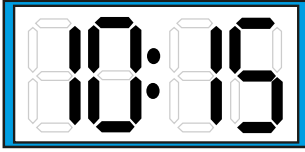
Five past twelve	Twenty-five to two	Ten past four
Twenty past seven	Ten to nine	Six o'clock
Eleven o'clock	Quarter to three	Half past nine
Quarter past ten	Quarter past one	Quarter to two

Practice Sheet Hot

Reading the time on analogue and digital clocks

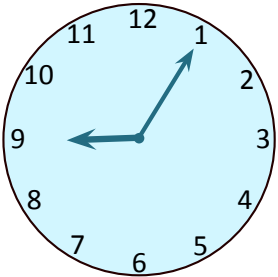
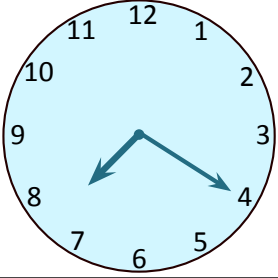
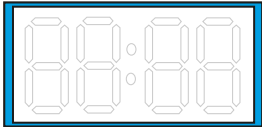
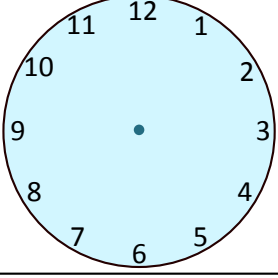
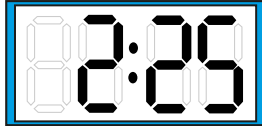
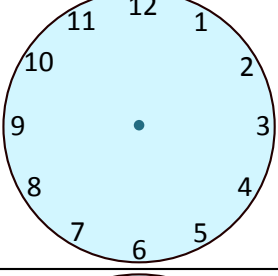
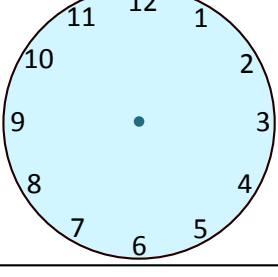
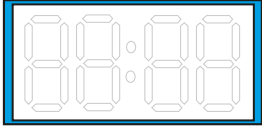
Draw hands on the clock, fill in the digital display or write the time in words to create sets of three matching times.

Once complete, you could cut out the cards to create a 'Match the Times' game!

		
		
		
		8 o'clock
		

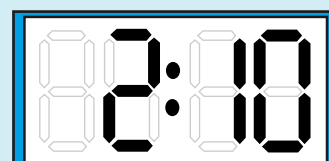
Practice Sheet Hot continued

Reading the time on analogue and digital clocks

		
		20 past 7
		25 past 2
		
		5 past 10

Challenge

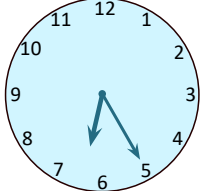
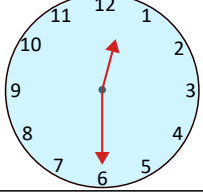
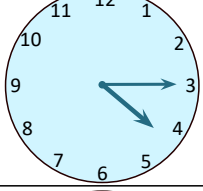
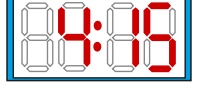
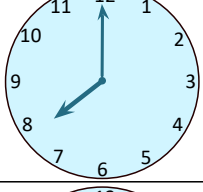
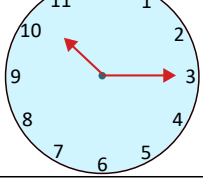
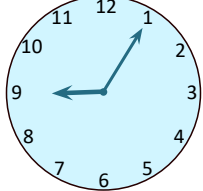
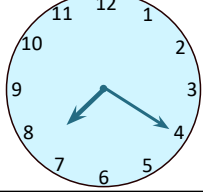
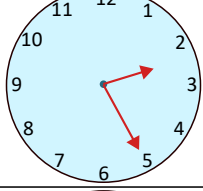
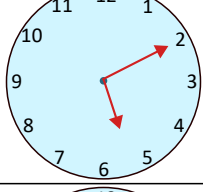
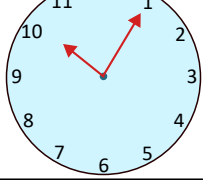
Reflect this time in a mirror, horizontally and vertically.
What time does it show?
Can you draw them on an analogue clock?



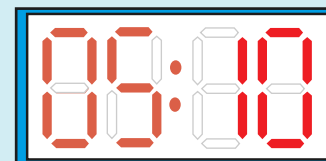
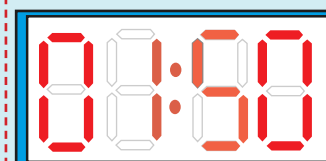
Practice Sheet Hot

Answers

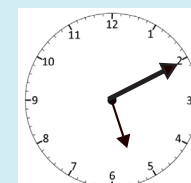
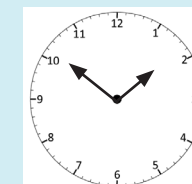
Reading the time on analogue and digital clocks

		25 past 6
		half past 12
		quarter past 4
		8 o'clock
		quarter past 10
		5 past 9
		20 past 7
		25 past 2
		10 past 5
		5 past 10

Challenge



02:10 reflects horizontally in the mirror as 01:50 and vertically as 05:10

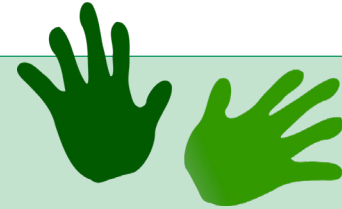


A Bit Stuck?

Clock Match

Things you will need:

- Analogue and digital clocks (provided on next two pages)



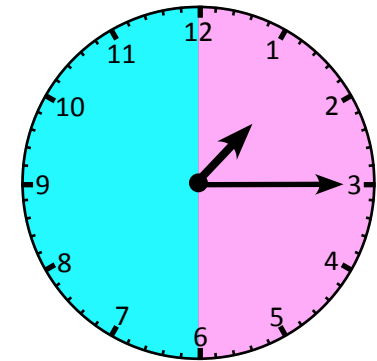
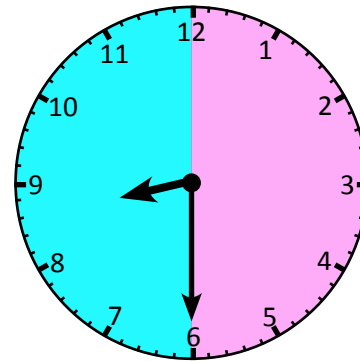
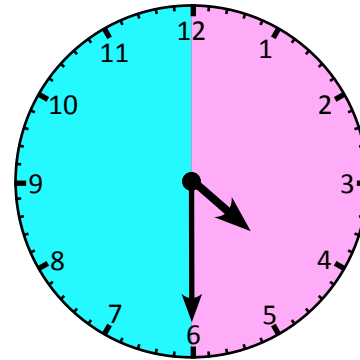
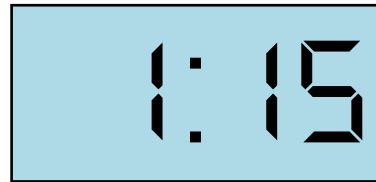
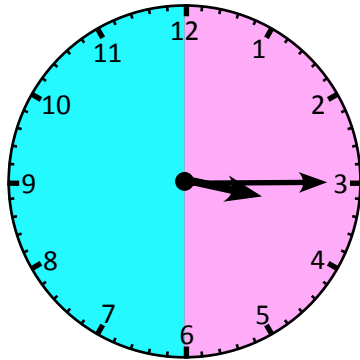
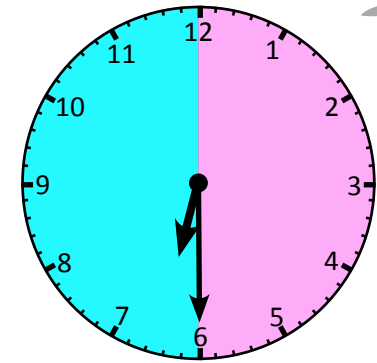
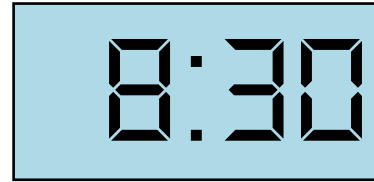
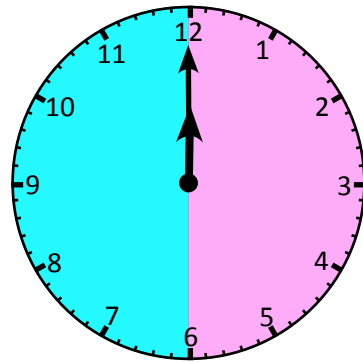
What to do:

- Cut out the clocks to make a set of cards.
- Shuffle the cards and spread out, face-up on the table.
- Find pairs of matching analogue and digital clocks.



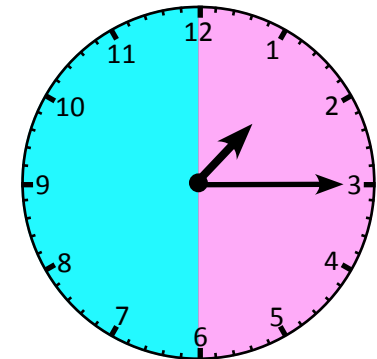
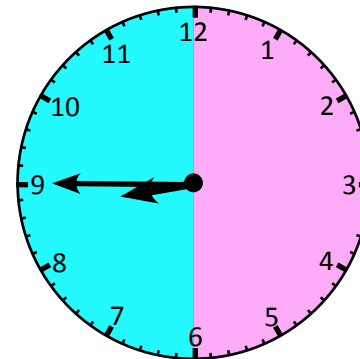
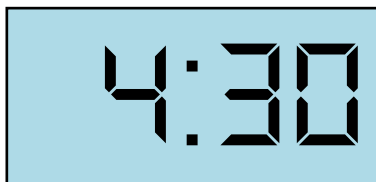
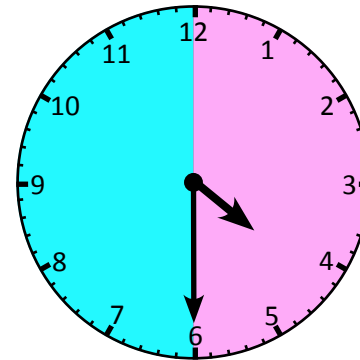
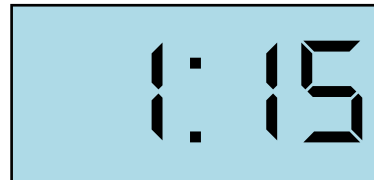
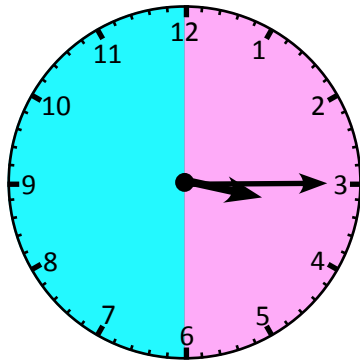
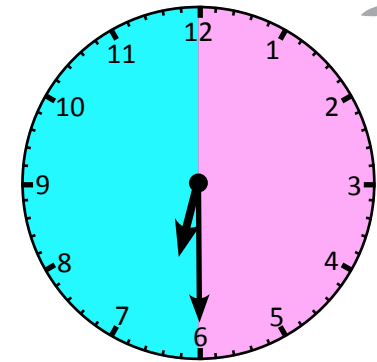
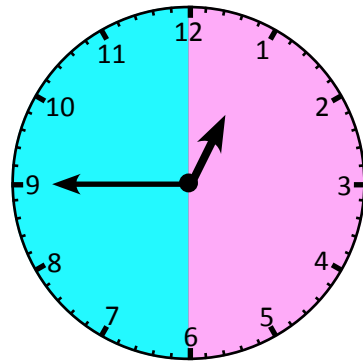
A Bit Stuck?

Clock Match



A Bit Stuck?

Clock Match



Check your understanding

Questions

What number is the minute hand pointing at when the clock shows these times?

Count in 5s to find out.

- (a) quarter past 8
 - (b) quarter to 4
 - (c) twenty past 1
 - (d) twenty to 7
 - (e) twenty-five past 9
 - (f) ten to 3
 - (g) five to 12
-

Draw lines to match each written time to a digital time:

Quarter past 3	3:45
Ten past 12	10:50
Quarter to 4	3:15
Ten to 11	5:40
Twenty past 3	12:10
Five to 2	3:20
Twenty to 6	1:55

Answers on next page

Check your understanding

Answers

What number is the minute hand pointing at when the clock shows these times?

Count in 5s to find out.

- (a) quarter past 8 3
- (b) quarter to 4 9
- (c) twenty past 1 4
- (d) twenty to 7 8
- (e) twenty-five past 9 5
- (f) ten to 3 10
- (g) five to 12 11

Check on a clock if children are unsure of these.

Draw lines to match each written time to a digital time:

Quarter past 3	3:45
Ten past 12	10:50
Quarter to 4	3:15
Ten to 11	5:40
Twenty past 3	12:10
Five to 2	3:20
Twenty to 6	1:55