Year 3: Time

Part 1

Using am (before midday) and pm (past midday).

Did you know...

am comes from the Latin 'ante meridiem', meaning before midday and pm comes from 'post meridiem', meaning past midday.

w/b 20.4.20 Class 3's home learning: Maths (Year 3)

Can I discuss the time of day?

Warm-up: no need to write anything down for these questions, please just talk through them with an adult. Remember to explain how you know!

1) Sort the events into the time of day that they might happen.

sunrise	go to school	alarm goes off	after school club
school play rehearsal	eat breakfast	go home from school	football match
breakfast club	gymnastics practice	lunch	wake up

Morning	Afternoon

2) Which is the earliest time in each set? How do you know?

a) 9:13 am   6:18 am   10:11 am   7:59 am

b) 9:13 pm   6:18 pm   10:11 pm   7:59 pm

c) 9:13 am   6:18 pm   10:11 pm   7:59 am

d) 12:13 am   11:18 pm   12:11 pm   7:59 am

3) Which is the latest time in each set? How do you know?

Tick the latest time in each set.

a)
| 9:13 am | 6:18 am | 10:11 am | 7:59 am |

b)
| 9:13 pm | 6:18 pm | 10:11 pm | 7:59 pm |

c)
| 9:13 am | 6:18 pm | 10:11 pm | 7:59 am |

d)
| 12:13 am | 11:18 pm | 12:11 pm | 7:59 am |

Now it's time to choose Challenge 1 or Challenge 2...

Can I discuss the time of day?

Challenge 1: There is no need to print out this page. In your yellow maths book, write the short date you do the work and the above question, underlining them neatly with a ruler. Remember to write the question number too!

1) Sort the times from latest to earliest.

5:30 p.m.	9:45 a.m.	9:45 p.m.	10:23 a.m.
7:31 a.m.	10:13 p.m.	8:30 a.m.	6:32 a.m.
12:24 a.m.	8:55 p.m.	2:11 a.m.	7:40 a.m.

2) Show the times on both analogue and digital clocks.

- Guided reading at 10:00 a.m.

- Home time at 3:30 p.m.

- Lunchtime at 12:00 p.m.
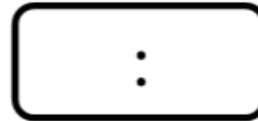
3) The board shows the times of trains arriving and leaving the train station.

	Arrives	Leaves
London	5:50 a.m.	6:00 a.m.
Edinburgh	8:00 a.m.	8:20 a.m.
Manchester	2:33 p.m.	2:45 p.m.
Leeds	7:31 p.m.	7:35 p.m.

Ron's watch shows the time he arrives at the station.
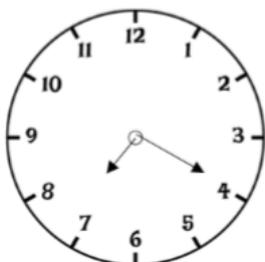
Which train could he be catching?
Explain how you know.

Can I discuss the time of day — am or pm?

Challenge 2: There is no need to print out this page. In your yellow maths book, write the short date you do the work and the above question, underlining them neatly with a ruler. Remember to write the question number too!

Time

D1

am and pm

Write each time using am or pm.

1. 7:20 am ✓
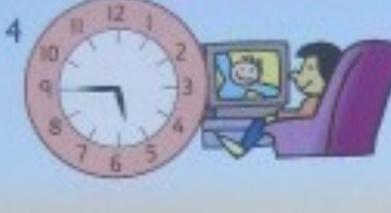
1
2
3
4
5
6

7 Jon wakes up at 7:45 am. He takes 12 minutes to wash and get dressed, 16 minutes over breakfast, then leaves for school. It takes him 9 minutes to walk to school. What time does he arrive?

8 Kareena sets off to meet Kim at a train station. She catches the 8:25 am train and the journey takes 2 hours 11 minutes. Kim catches the 9:16 am train and her journey lasts 1 hour 50 minutes. Who gets there first, and how long does she have to wait?

Year 3: Time

Part 2

24-hour clock

The work in this section is for everyone.
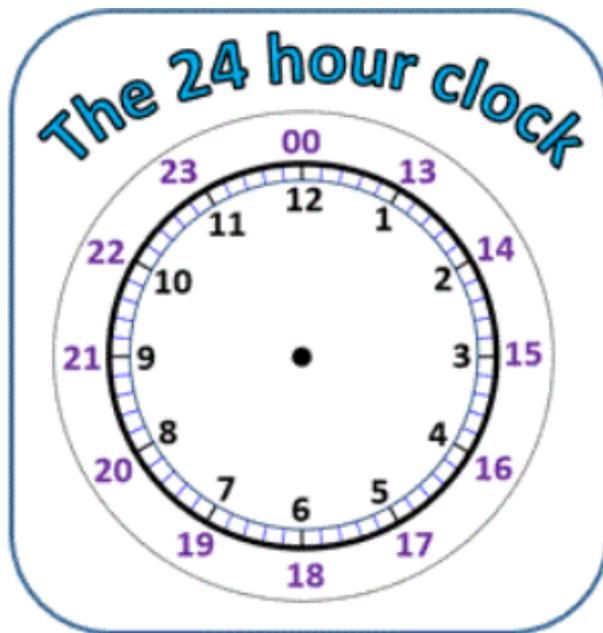
w/b 20.4.20 Class 3's home learning: Maths (Year 3)

Can I tell the time using the 24-hour clock?

Look at the following pictures and have a chat with an adult.

- What do you see? What do you notice?

- What is the same? What is different?

1 o'clock	2 o'clock	3 o'clock	4 o'clock	5 o'clock	6 o'clock	7 o'clock	8 o'clock	9 o'clock	10 o'clock	11 o'clock	12 o'clock
1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	12 p.m.
01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00

1 o'clock	2 o'clock	3 o'clock	4 o'clock	5 o'clock	6 o'clock	7 o'clock	8 o'clock	9 o'clock	10 o'clock	11 o'clock	12 o'clock
1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	12 a.m.
13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	00:00

Can I tell the time using the 24-hour clock?

There is no need to print this work. Please write the short date you do the work and the above question in your yellow maths book, underlining them neatly with a ruler. Remember to write the question number too!

1) Draw the following table in your maths book and then write the times in the correct column.

am	pm

06:15   13:07   09:29   19:53   21:40

01:36   15:19   04:42   08:00   20:00

2) Match the times.

|	
6:15 am	02:15
6:15 pm	16:15
4:15 pm	18:15
2:15 pm	14:15
2:15 am	06:15

3)   Alex is planning her day.

a)
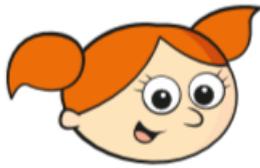
I will go to school at 8 o'clock in the morning.
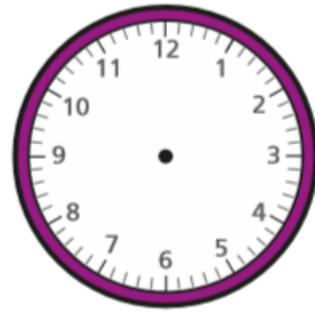
Show this time on each clock.
Use 24-hour time on the digital clock.

b)
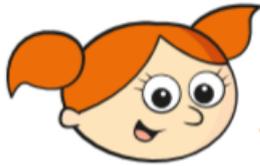
I will go to bed at 8:00 pm.
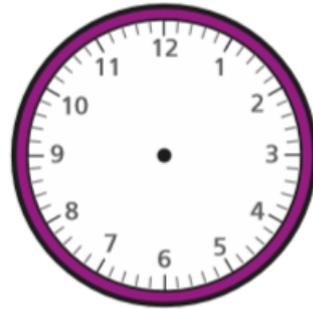
Show this time on each clock.
Use 24-hour time on the digital clock.

4) Who is correct? How do you know?

Chat with an adult about your answer.

Rosie, Ron, Annie and Mo are telling the time.
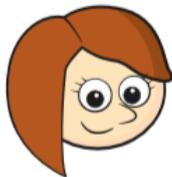
It is 03:20

Rosie
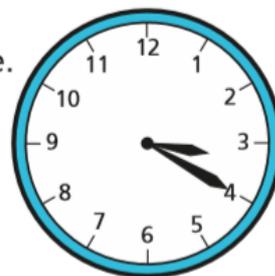
It is 15:20

Ron
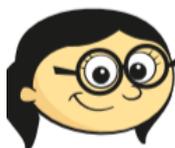
It is 3:20 am.

Annie

It is 3:20 pm.

Mo

5) Write the times as 24-hour clock times.

a) 3:27 am _____   b) 3:27 pm _____

2:27 am _____   4:27 pm _____

1:27 am _____   5:27 pm _____

12:27 am _____   6:27 pm _____

6) Write the 24-hour clock times using am and pm.

a) 04:14 _____   e) 13:27 _____

b) 09:41 _____   f) 19:17 _____

c) 12:56 _____   g) 20:48 _____

d) 00:56 _____   h) 23:09 _____

True or False?   24-hour clock

This 24-hour clock means it is
15 minutes past 8

15:20

White
Rose
Maths

Year 3: Time

Part 3

Time problems

Choose challenge A, B or C.

In your yellow maths book, please write the short date you do the work and 'time problems' at the top of the page, underlining them neatly with a ruler. Remember to write the challenge you are doing and the question number too!

A

1. Holly gets on a bus at 8:15. She gets off at 8:40. How long is she on the bus?

2. A teacher begins reading a story to her class at 2:25. She finishes at 3:00. How long does it take her to read the story?

3. Playtime begins at 10:30. It ends at 10:50. How long does it last?

4. Terry begins mowing the lawn at 5:05. He finishes at 6:00. How long did it take him?

5. Zoe gets on the London Eye at 12:15. She gets off at 12:45. How long does it take to go round?

6. The cartoons begin at 3:35. They finish at 4:00. How long does the programme last?

B

1. Derek boards the ferry at 2:56. He gets off on the other side of the river at 3:10. How long does the crossing take?

2. Sheri sets off from home at 7:40. She arrives at work at 8:20. How long does her journey take?

3. Colin puts chips in the oven at 5:52. He takes them out at 6:15. How long have they taken to cook?

4. A CD starts to play at 4:35. It finishes at 5:25. How long does the CD last?

5. A coach is due to collect the class at 11:45. It arrives at 12:03. How many minutes late is the coach?

6. Ali gets on a train at 9:25. He gets off at 10:10. How long is he on the train?

7. Beryl goes into the Library at 1:15. She leaves at 2:11. How long has she been in the Library?

C

1. Anna's watch is ten minutes slow. Her watch shows the time as 1:55. What is the actual time?

2. A film lasts 100 minutes. It ends at 8:00. When did it start?

3. It begins to snow at 8:05. The snowfall lasts 85 minutes. When does it stop?

4. Recorder Club begins at 3:23. It finishes at 4:10. How long does it last?

5. A meal takes 50 minutes to cook. It needs to be cooked by 1:15. When should it be put into the oven?

6. The class enter the castle at 10:09. Their visit lasts 1 hour and 45 minutes. When do they leave?