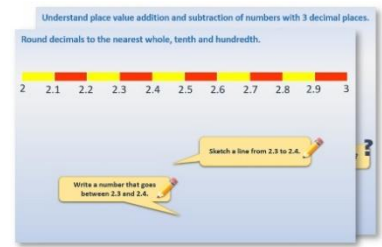


Week 9, Day 4

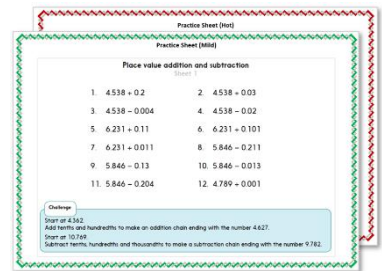
Compare lengths of time

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

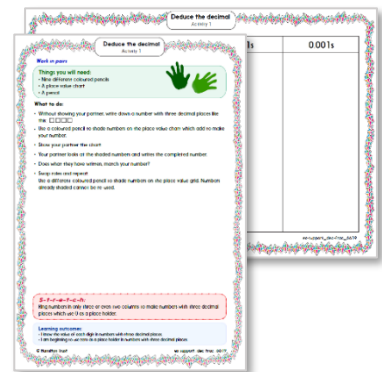
- Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



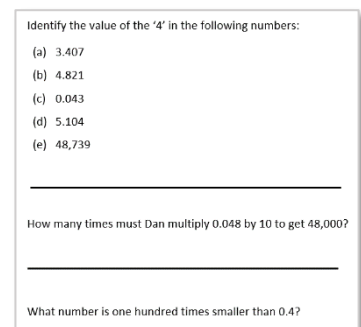
- Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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



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



Learning Reminders

Tell time to nearest minute; Compare time durations.



Write the
equivalent digital
time.



9:22

Learning Reminders

Tell time to nearest minute; Compare time durations.



Write the equivalent digital time.



5:36

How long is it to the next hour?
Let's count back from 6 o'clock...

24 minutes

Check:

**36 minutes + 24 minutes
= 60 minutes**

Learning Reminders

Tell time to nearest minute; Compare time durations.

The Fluntstones starts at 7:05pm and goes on until 7:55pm.
The Samsons starts at 7:00pm and goes on until 20 to 8.

Which of these
programmes is longer?

Hint: Convert 20 to
8 to a digital time...

20 to 8 is 40 minutes past 7
That is **7:40**

From **7:05 to 7:55**
is **50 minutes**.

From **7:00 to 7:40**
is **40 minutes**.

Practice Sheet Mild

Comparing lengths of time

Here is a list of programmes showing on the KidZone TV channel on a Tuesday evening:

| TV Programme | Start time |
|------------------|------------|
| Quiz quest | 4:30 pm |
| Cartoon for kids | 5 pm |
| Cook it up | 5:20 pm |
| News | 6 pm |
| Jubilee Street | 6:35 pm |
| Wacky Wildlife | 7:05 pm |
| Help our house | 7:30 pm |
| Film of the week | 8:15 pm |

1. Which is longer: the News or Jubilee Street?
2. Which is shorter: Wacky Wildlife or Cook it up?
3. Which is longer: Help our house or Quiz quest?
4. Which is the shortest programme?
5. The film of the week lasts 1 and a half hours. What time will it finish?
6. Which programmes last more than half an hour?
7. Which last less than half an hour?

Challenge

Write 3 more questions using the information in the table.

Practice Sheet Hot

Family TV time

Here is a list of programmes showing on the KidZone TV channel on a Tuesday evening:

| TV Programme | Start time |
|------------------|------------|
| Quiz quest | 4:30 pm |
| Cartoon for kids | 5 pm |
| Cook it up | 5:20 pm |
| News | 6 pm |
| Jubilee Street | 6:35 pm |
| Wacky Wildlife | 7:05 pm |
| Help our house | 7:30 pm |
| Film of the week | 8:15 pm |

1. How much longer is Jubilee Street than Wacky Wildlife?
2. How much longer is Help our house than the News?
3. What is the difference in time between Cook it up and Help our house?
4. The film last for 1 and a half hours. What is the difference between the shortest programme and the longest programme?
5. A family watch Quiz quest, Cartoon for kids and Wacky Wildlife on this channel.
6. Another family watch Cook it up, the News and Help our house. How long do they watch this channel for?

Practice Sheets Answers

Comparing lengths of time (mild)

1. The News is longer than Jubilee Street.
2. Wacky Wildlife is shorter than Cook it up.
3. Help our house is longer than Quiz quest.
4. Cartoons for kids is the shortest programme.
5. The film of the week will finish at 9:45pm.
6. Cook it up, the News and Help our house last more than half an hour. The film of the week will also apparently last more than half an hour.
7. Cartoons for kids and Wacky Wildlife last less than half an hour.

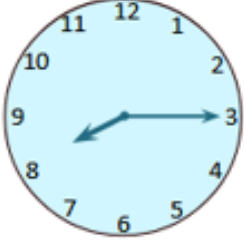
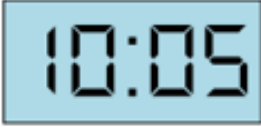

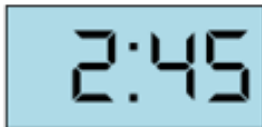

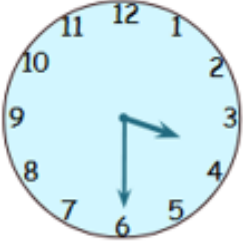




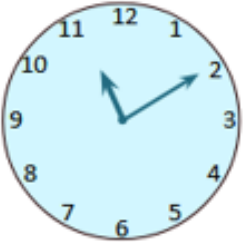
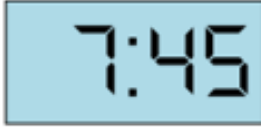

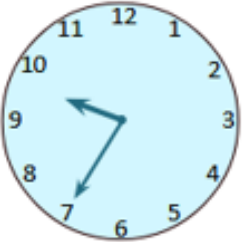






Family TV time (hot)

1. How much longer is Jubilee Street than Wacky Wildlife? **5 minutes**
2. How much longer is Help our house than the News? **10 minutes**
3. What is the difference in time between Cook it up and Help our house?
5 minutes
4. The film last for 1 and a half hours. What is the difference between the shortest programme and the longest programme? **1 hour 10 minutes**
5. A family watch Quiz quest, Cartoon for kids and Wacky Wildlife on this channel. What is the total time they watch this channel?
1 hour 15 minutes
6. Another family watch Cook it up, the News and Help our house. How long do they watch his channel for? **2 hours**

A Bit Stuck?

Mix and match

Cut out the clocks and written times cards.
Then match each clock to a written time card

| | | | |
|---|---|--|---|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Written time cards to cut out



10 to 7

5 to 4

$\frac{1}{4}$ past 8

Half past 12

5 past 10

Half past 3

25 past 11

20 past 4

Quarter to 3

10 past 11

20 to 7

25 to 10

Quarter to 8

20 to 4

12 o'clock

25 to 5

10 to 3

20 to 12

5 to 7

5 to 5

Check your understanding

Questions

Padma oversleeps.

Her alarm went off at 7:40 but she sleeps an extra half an hour.

What time does she wake?

Write the time half an hour before:

- (a) ten to 6
 - (b) 25 past 10
 - (c) quarter past 7
 - (d) five past 5
-

Write the missing times in this table:

| 25 mins earlier | time | 25 mins later |
|------------------------|-------------|----------------------|
| | 6:00 | 6:25 |
| 12:15 | | |
| | | 7:50 |

Answers on next page

Check your understanding

Answers

Padma oversleeps.

Her alarm went off at 7:40 but she sleeps an extra half an hour.

What time does she wake? **8:10. Check this and following questions on an analogue clock face.**

Write the time half an hour before:

- (a) ten to 6 **twenty past 5.**
 - (b) 25 past 10 **five to 10.**
 - (c) quarter past 7 **quarter to 7.**
 - (d) five past 5 **twenty five to 5.**
-

Write the missing times in this table:

| 25 mins earlier | time | 25 mins later |
|------------------------|--------------|----------------------|
| 5:35 | 6:00 | 6:25 |
| 12:15 | 12:40 | 1:05 |
| 7:00 | 7:25 | 7:50 |