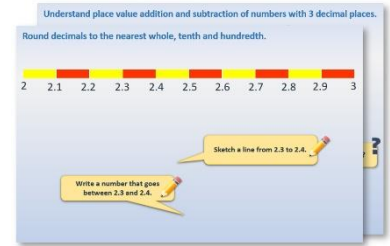


# Week 9, Day 5

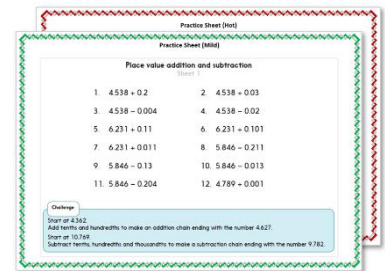
## Units of time

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

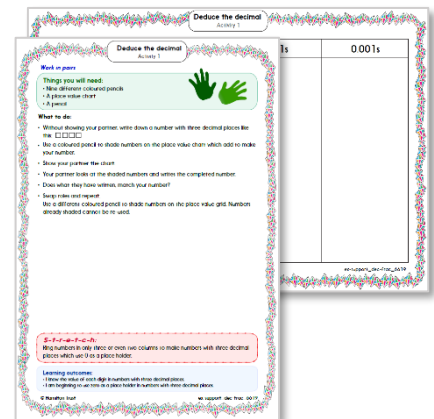
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



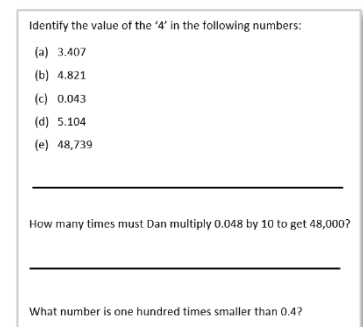
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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

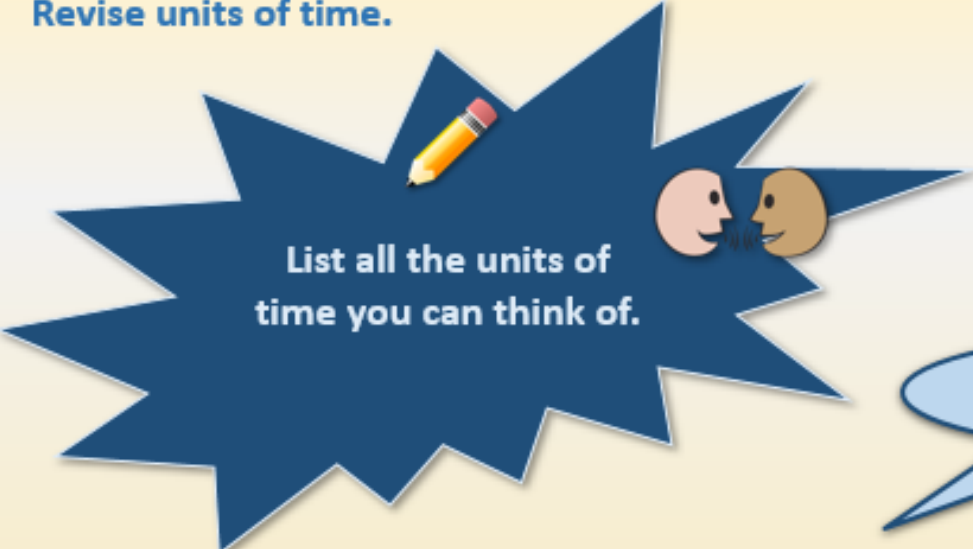


4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!

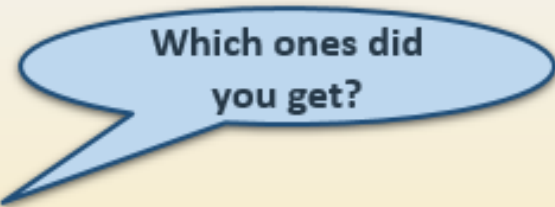


## Learning Reminders

Revise units of time.



List all the units of time you can think of.



Which ones did you get?

Week

Year

Day

Minute

Month

Second

Hour

Century

## Learning Reminders

Revise units of time.

Which is the longest / shortest period of time?

Let's put them in order starting with the shortest...

Month

Second

Day

Minute

Week

Year

Hour

Century

Century

Year

Month

Week

Day

Hour

Minute

Second

# Learning Reminders

Revise units of time.

Let's try this time quiz...

How many seconds in a minute?	How many days in a year?
How many minutes in an hour?	And in a leap year?
How many hours in a day?	How many weeks in a year?
How many days in a week?	How many months in year?

Revise units of time.

Let's try this time quiz...

How many seconds in a minute? 60	How many days in a week? 7
How many minutes in an hour? 60	How many hours in a day? 24
And in a leap year? 366	How many weeks in a year? 52
How many days in a year? 365	How many months in a year? 12

## Practice Sheet Mild 1

### Units of time loop cards

There is a question about units of time on the bottom of each card.

The answer is at the top of another card.

Find each answer and match it to the next card until you have completed the loop.

Order the cards by numbering them 1-10, and then cut them out and stick them in order in your maths book.

31	28	12	7	365
How many minutes in quarter of an hour?	How many days in April and June altogether?	How many days in February when it is not a leap year?	How many days in a leap year?	How many days in February in a leap year?
60	15	29	366	30
How many days in a year that is not a leap year?	How many minutes in half an hour?	How many days in a week?	How many days in March?	How many months in a year?

## Practice Sheet Mild 2

### Units of time loop cards

There is a question about units of time on the bottom of each card.

The answer is at the top of another card.

Find each answer and match it to the next card until you have completed the loop.

Order the cards by numbering them 1-10, and then cut them out and stick them in order in your maths book.

62	21	30	168	120
How many minutes in 3 quarters of an hour?	How many months in a year and a half?	How many days in 3 weeks?	How many days in October?	How many days in February in a leap year?
18	45	29	31	366
How many seconds in two minutes?	How many days in a leap year?	How many hours in a week?	How many days in March and August altogether?	How many days in June?

## Practice Sheet Hot 1

### Units of time loop cards

There is a question about units of time on the bottom of each card.

The answer is at the top of another card.

Find each answer and match it to the next card until you have completed the loop.

Order the cards by numbering them 1-10, and then cut them out and stick them in order in your maths book.

62	21	30	168	120
How many minutes in 3 quarters of an hour?	How many months in a year and a half?	How many days in 3 weeks?	How many days in October?	How many days in February in a leap year?
18	45	29	31	366
How many seconds in two minutes?	How many days in a leap year?	How many hours in a week?	How many days in March and August altogether?	How many days in June?

## Practice Sheet Hot 2

### Units of time loop cards

There is a question about units of time on the bottom of each card.

The answer is at the top of another card.

Find each answer and match it to the next card until you have completed the loop.

Order the cards by numbering them 1-10, and then cut them out and stick them in order in your maths book.

1440 How many days in August?	24 How many days in two years where one is a leap year	35 How many months in 2 years?	30 How many hours in 3 days?	4 How many seconds in four minutes?
731 How many whole weeks in February?	31 How many minutes in quarter of an hour?	240 How many days in April?	72 How many minutes in one day?	15 How many days in 5 weeks?



## Practice Sheets Answers Mild

### Units of time loop cards (mild 1)

31 How many minutes in quarter of an hour?	15 How many minutes in half an hour?	30 How many months in a year?	12 How many days in February when it is not a leap year?
366 How many days in March?			28 How many days in April and June altogether?
7 How many days in a leap year?	29 How many days in a week?	365 How many days in February in a leap year?	60 How many days in a year that is not a leap year?

### Units of time loop cards (mild 2)

62 How many minutes in 3 quarters of an hour?	45 How many days in a leap year?	366 How many days in June?	30 How many days in 3 weeks?
31 How many days in March and August altogether?			21 How many months in a year and a half?
168 How many days in October?	29 How many hours in a week?	120 How many days in February in a leap year?	18 How many seconds in two minutes?

## Practice Sheets Answers

### Hot

#### Units of time loop cards (hot 1)

62 How many minutes in 3 quarters of an hour?	45 How many days in a leap year?	366 How many days in June?	30 How many days in 3 weeks?
31 How many days in March and August altogether?			21 How many months in a year and a half?
168 How many days in October?	29 How many hours in a week?	120 How many days in February in a leap year?	18 How many seconds in two minutes?

#### Units of time loop card (hot 2)

240 How many days in April?	30 How many hours in 3 days?	72 How many minutes in one day?	1440 How many days in August?
4 How many seconds in four minutes?			31 How many minutes in quarter of an hour?
731 How many whole weeks in February?	24 How many days in two years where one is a leap year and one is not?	35 How many months in 2 years?	15 How many days in 5 weeks?

## A Bit Stuck? Time quiz

1. Cut out these question cards:

How many minutes are in an hour?	How many days are in a week?	How many seconds are in a minute?
How many days are in January?	How many days are in a year? Not a leap year!	How many days are in a leap year?
How many months are in a year?	How many whole weeks are in a year?	Which is the shortest month?
How many days are in December?	How many days are in May?	How many days are in June?

## A Bit Stuck? Time quiz

2. Now write the answers on the back of the question cards

How many minutes are in an hour? **60**

How many days are in a week? **7**

How many seconds are in a minute? **60**

How many days are in January? **31**

How many days are in a leap year? **366**

How many days are in a year, (not a leap year)? **365**

How many months are in a year? **12**

Which is the shortest month? **February**

How many days are in December? **31**

How many days are in May? **31**

How many days are in June? **30**

How many whole weeks are in a year? **52**

- Now shuffle the question cards and spread out question side up.
- Pick out questions which you know the answers to one at a time. Turn over the check the answer.
- How many cards are left? Look at the answers.
- Repeat and see if you have fewer question cards left this time.

**Here's is a trick to learn how many days are in each month**

**With a grown-up watch this here:** <https://www.youtube.com/watch?v=nVHy-4Z0aUU>

- *Make a fist using your left hand. We can point to knuckles and dips between knuckles as we say the months. Any months we say when we point to knuckles have 31 days, others have 30, apart from February (28 or 29).*
- *Point to the knuckle on the left saying January, 31 days, then to the dip between the first and second knuckle saying February, 28 or 29 days, then the second knuckle saying March, 31 days, April 30 days and so on until July, then starting again with August on the first knuckle: August 31 days, and so on.*

**IMPORTANT!** Parent or Carer – Read this page with your child and check that you are happy with what they have to do and with any weblinks or use of the Internet required.

## Check your understanding

### Questions

True or false

- 2 minutes = 100 seconds
- $1\frac{1}{2}$  hours = 90 seconds
- 300 minutes is 5 hours
- 2 days is 50 hours less 2 hours
- August is the longest month
- September and June have the same number of days

*Fold here to hide answers*

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## Check your understanding

### Answers

True or false

- 2 minutes = 100 seconds **False** – it is 120 seconds.
- $1\frac{1}{2}$  hours = 90 seconds **False** – 90 minutes not seconds.
- 300 minutes is 5 hours **True** - since  $60 \times 5 = 300$ .
- 2 days is 50 hours less 2 hours **True** - since 2 days is 48 hours.
- August is the longest month **It is one of several that have 31 days so it is true but not uniquely so.**
- September and June have the same number of days **True** - both have 30 days.