

# MATHS

Hi Everyone, Miss Nakkas and Mr Knight here!  
Every day, we'll be providing Maths activities to keep all of your Maths skills alive.  
Remember to also make time for TTRS and Mathletics.



<https://play.ttrockstars.com/auth>

<https://login.mathletics.com/>

Please note that TTRS activities are designed primarily for Year 2 and above. Once you've signed into TTRS, please access **Numb0ts** (see their icon below). These activities have been designed for Reception and Year 1.



## Maths Topic Overview: Place Value

Dear Year 1 mathematicians,

This week in maths, you will be focusing your learning on **place value**! We will continue to compare numbers and use mathematical language like 'smallest, largest, fewer, greater'. We will be exploring the place value of two digit numbers by using practical resources and discussing how many tens and how many ones each number has. We will use these skills to help us to start ordering numbers and even begin to reason about numbers! If possible, email us your work to have a look at!

Ready, steady, off you go mathematicians!

Have fun,

Miss Nakkas and Mr Knight

## Lesson 1

100 Number Square

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

### Improve your counting skills!

Using the 100 square, pick any number to start counting forwards or backwards from. Can you do it without looking?!

Today we will be **creating numbers practically**.

## Watch

Click on the image to watch how to count with **tens** and **ones**.

### How to count with tens and ones

Part of Maths | Place value

+ Add to My Playlist



## Activity

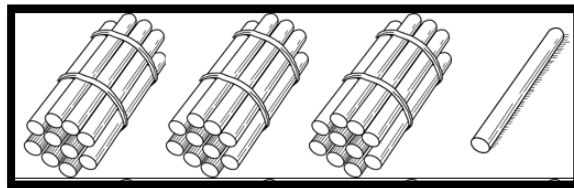
Using objects, paper or straws create bundles of tens and ones.

Choose a number from below and create it practically.

Ask yourself how many tens do I have? How many ones do I have?

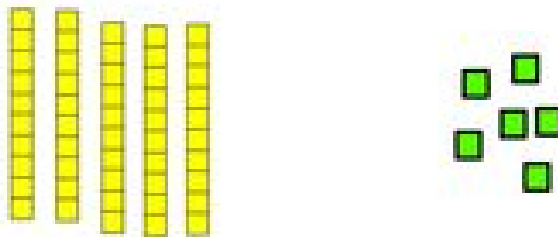
<b>12</b>	<b>41</b>	<b>92</b>
<b>18</b>	<b>58</b>	<b>60</b>
<b>81</b>	<b>77</b>	<b>23</b>

Miss Nakkas used bundles of straws and made 31. **3 tens** and **1 one**.



Mr Knight used dienes to create his number.

He has made 56. **5 tens** and **6 ones**.



Kelly Said she is going to use pens to represent tens and peas to represent ones!

## Challenge



Now try these:

**23** = \_\_\_ tens and \_\_\_ ones

\_\_\_ = 1 ten and 8 ones

**36** = \_\_\_ tens and \_\_\_ ones

\_\_\_ = 3 tens and 9 ones

**42** = \_\_\_ tens and \_\_\_ ones

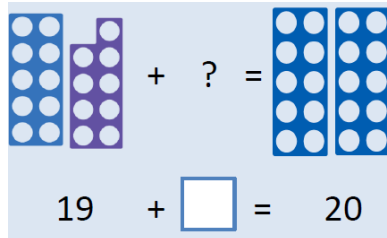
\_\_\_ = 7 tens and 0 ones

**57** = \_\_\_ tens and \_\_\_ ones

\_\_\_ = 8 tens and 1 ones

## Lesson 2

Practise your number bonds to 20!



How many different ways can you make 20 using two numbers?

Remember, use objects to help you but by now you should know some very quickly!

Today we will be continuing to count in **tens** and **ones**.

### Warm up

<p>1)</p>	<p>2)</p>	<p>3)</p>
How many?	How many?	How many?

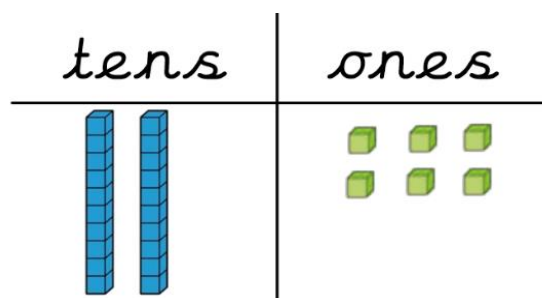
Look at the dienes. Which numbers have Mr Knight and Miss Nakkas made?

How many **tens** and **ones**?

### Activity

Using card or paper, create your own **tens** and **ones** columns.

Using objects create your own number.



In the image above, Mr Knight and Miss Nakkas are using dienes to make numbers.

Miss Nakkas thinks she has made 8.

Mr Knight disagrees and thinks that the number is 26.

Who is right? How do you know?

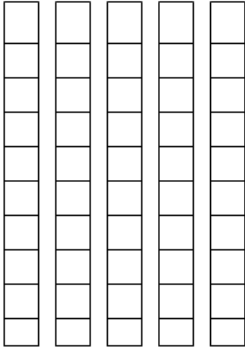
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## Challenge

Available as a separate download, have a go at colouring in these numbers. Consider how many tens and ones they have. If you don't have a printer, simply draw your own dienes!

Colour in each number and tell me how many tens and how many ones

23



Tens      Ones

—      —

## Lesson 3

Get your brain going by revising shape from last week's learning. Click on the image to sing along to the shape song!



Today we will be **comparing numbers**.

### Warm up

Mathematicians! Mr Knight and Miss Nakkas need your help!

They need help understanding these mathematical words that we use to compare numbers.

Can you help complete the table?

Key Word	What does it mean?
equal to	the same as
greater than	larger than
fewer than	
least	

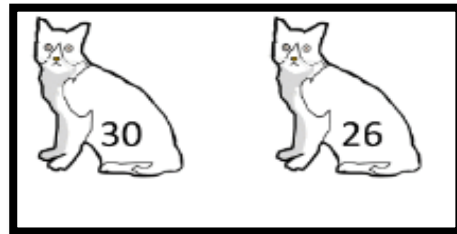
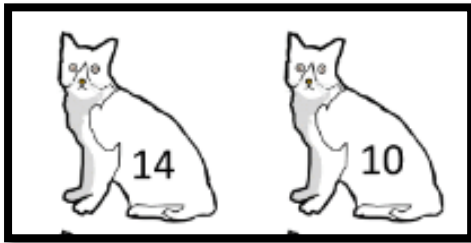
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most	
smallest	
largest	

## Activity

Look at the cats. For each pair of cats, identify and colour in the cat which has the largest number.

Remember to justify how you know by discussing how many **tens** and **ones** are in each number!

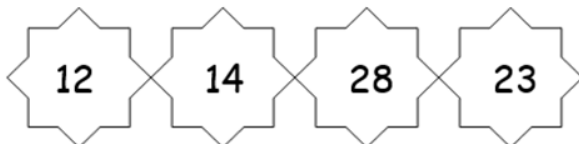


## Challenge

Ordering numbers!

Use your knowledge of **tens** and **ones** to order these numbers correctly.

Put the numbers inside the stars in order from the **smallest** to the **largest**.



\_\_\_\_\_

Put the numbers inside the stars in order from the **largest** to the **smallest**.



\_\_\_\_\_

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## Lesson 4

Get your brain going singing the days of the week song and months of the year song. Click on the images to take you to the songs.



Complete your assigned tasks set on Mathletics.

This week, they will all help you with revising counting in **tens** and **ones**!

Click the image to go to the site.



## Challenge

Click on the image to complete the quiz on how to count in **tens** and **ones**.



### How to count in 1s and 10s quiz

Test your knowledge of counting in 1s and 10s with this quiz.

[Play](#)