

Year 1



Maths WC
04/05/20

Numbers to 100



Week Timetable

In Maths this week, we are going to be looking at **Numbers to 100**. We will be using Resources from [Oak National Academy Week 3](#) to help us on our learning journey.

Please complete the work in your exercise books and remember to send pictures of your work to your class teachers - we really love seeing how you are getting on!



Click on the lesson you would like to complete:

[Lesson 1](#) – [Monday 11th May](#)

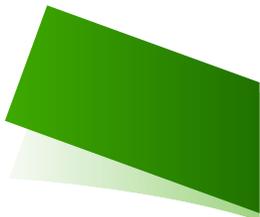
[Lesson 2](#) – [Tuesday 12th May](#)

[Lesson 3](#) – [Wednesday 13th May](#)

[Lesson 4](#) – [Thursday 14th May](#)

[Lesson 5](#) – [Friday 15th May](#)

[Optional Maths Challenge](#)



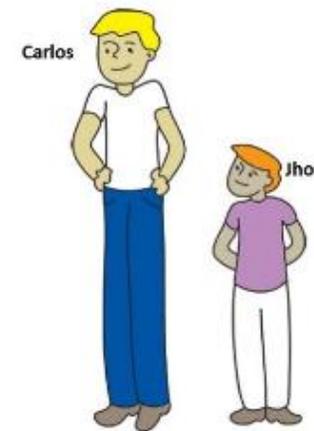
Lesson 1

Fluency

Click here to see
the answers!



1. Circle the taller person.



2. What number does this represent?



3. Name your number bonds to 10.

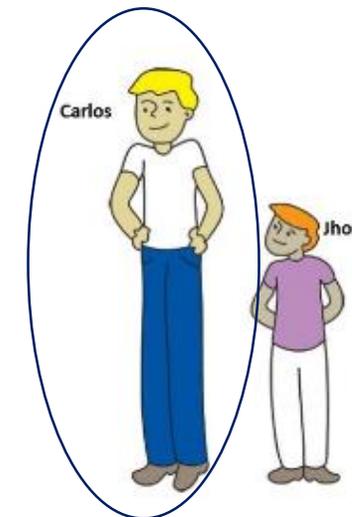
Lesson 1

Fluency Answers

Click to move on
to the next activity



1. Circle the taller person.



2. What number does this represent?



3. Name your number bonds to 10.

$$0+10 = 10$$

$$1+9 = 10$$

$$2+8 = 10$$

$$3+7=10$$

$$4+6=10$$

$$5+5=10$$

Lesson 1

Please go to <https://www.thenational.academy/year-1/maths/to-recognise-read-and-write-numbers-to-100-year-1-wk3-1> and click on Start lesson. The first lesson is to recognize, read and write numbers to 100.



Work through the lesson, pausing at various points to answer any questions. Please write any answers down in your exercise books.

Star Words!

		
Group of ten	Twenty	Seventy
Tens	Thirty	Eighty
Ones	Forty	Ninety
Count on	Fifty	One hundred
 Ten	Sixty	

Next Slide 

Lesson 1



10



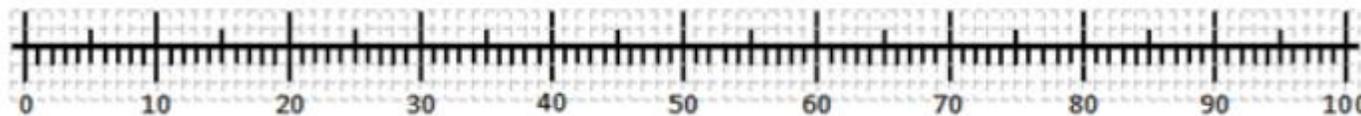
1

Remember a dienes stick represents 10 and the cubes represent 1.

Click here for some dienes cut outs that may help at home

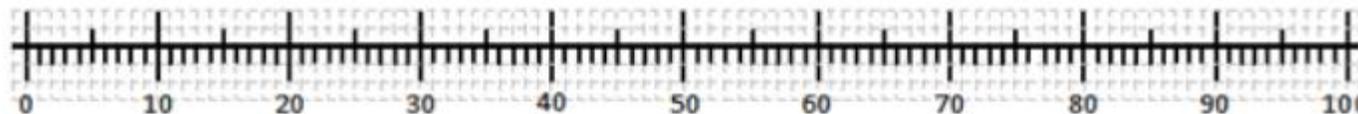
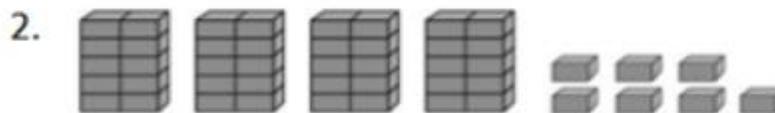
Task 1

Count the number of objects in tens then ones. Show it in Dienes. Show it in jumps on the number line. Write the numeral.



There are bricks in total.

Count in tens then count on in ones!



There are bricks in total.

Task 2

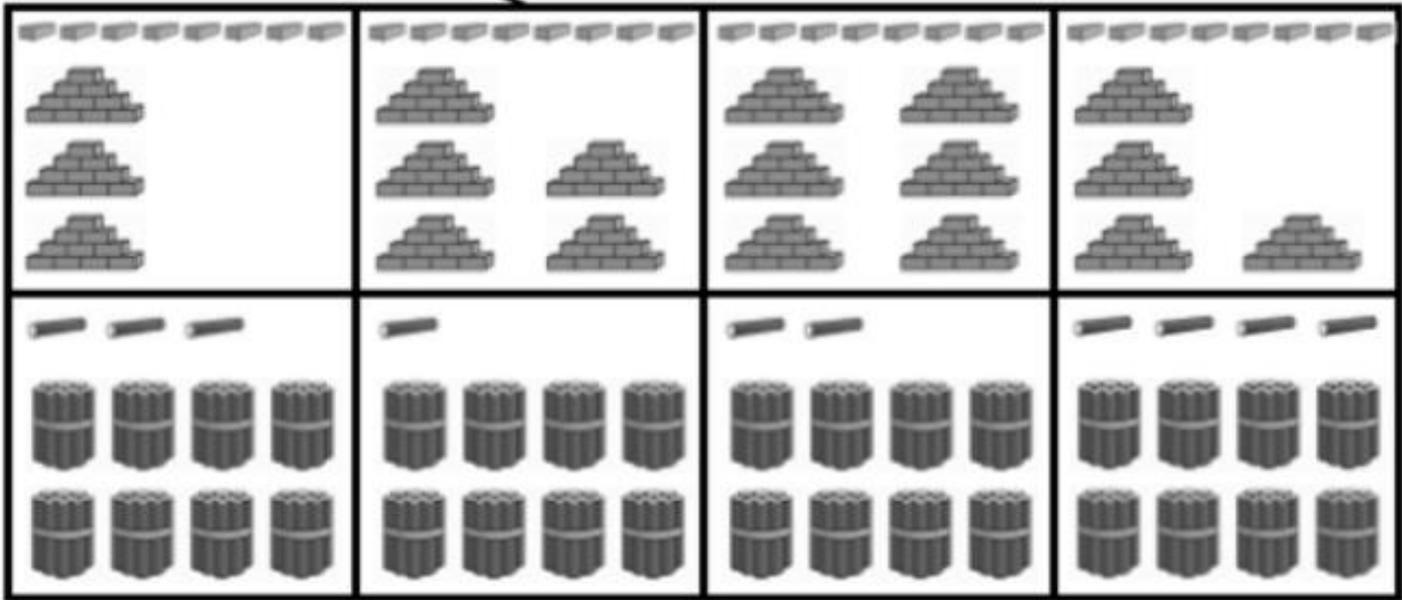
Lesson 1

Match the image to the word.

If you are completing this in your exercise book, write the word and draw the corresponding picture underneath.

Remember to complete the end of lesson quiz!

fifty eight thirty eight forty eight sixty eight



eighty two eighty three eighty one eighty four

Lesson 1

On this page you have some reasoning questions to answer. Remember to explain your answers using full sentences,

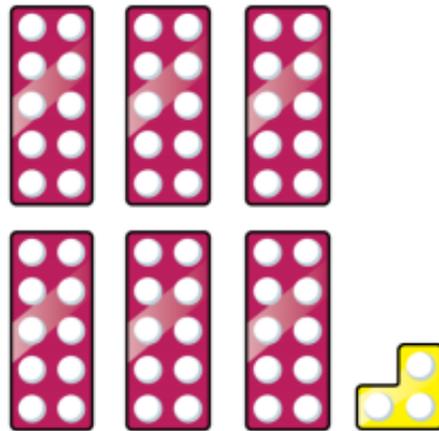
1. Correct the mistake in each sequence.

- 34, 35, 36, 38, 39

- 98, 97, 96, 95, 93

- 78, 79, 18, 81, 82

2. Teddy has made a number using the number shapes.



He says

$$6 + 3 = 9$$



Teddy

What mistake has Teddy made?

Next Slide

Lesson 1

You have completed
today's Maths lesson –
Well done for working so
hard!

Click here to go
back to the main
menu

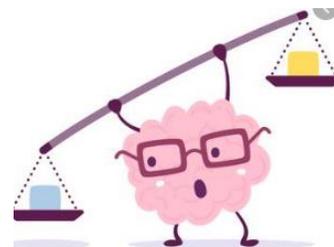
Lesson 2

Fluency

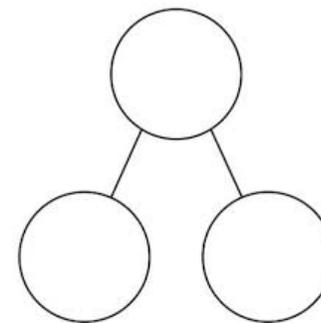
Click here to see
the answers!



1. Write a mathematical sentence describing this picture.



2. Can you put the number 32 into a part-whole model?



3. Complete the pattern.



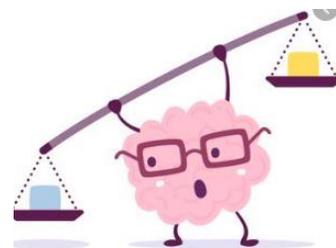
Lesson 2

Fluency Answers

Click to move on
to the next activity



1. Write a mathematical sentence describing this picture.

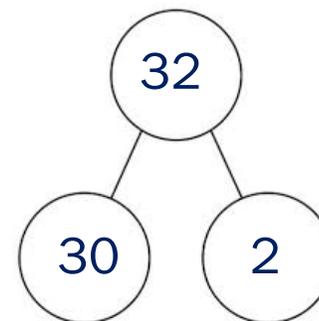


The blue square is heavier than the yellow square.

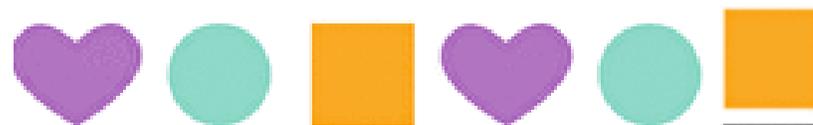
Or

The yellow square is lighter than the blue square.

2. Can you put the number 32 into a part-whole model?



3. Complete the pattern.



Lesson 2

Please go to <https://www.thenational.academy/year-1/maths/to-explore-the-components-of-numbers-within-100-year-1-wk3-2> and click on Start lesson. The second lesson is exploring the components of numbers within 100.



Work through the lesson, pausing at various points to answer any questions. Please write any answers down in your exercise books.



Star Words!



Tens

Ones

Groups of ten

Dienes

Place value



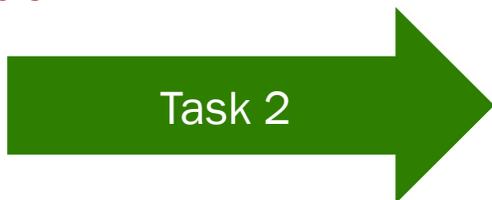
Next Slide

Lesson 2

Look at the pictures in the grid and decide if the place value grids are correct.

If you think they are correct, put a tick next to them.

If you think they are incorrect, put a cross and explain what it should be.



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Tens	Ones					
3	6					

Lesson 2

Here is an additional Maths challenge to extend your learning!

Complete the table, filling in the empty boxes.

The illustration should be using dienes.

The first one has been done for you to show you what to do.



Can you fill out any missing boxes for each of the numbers below? The first one has been done for you to show you what to do.

Numerals	Number in Words	Tens	Ones	Illustration
23	twenty-three	2	3	
17	seventeen			
34				
	fifty-six	5	6	
		5	1	

Reasoning

Lesson 2

On this page you have some reasoning questions to answer. Remember to explain your answers using full sentences,

1.

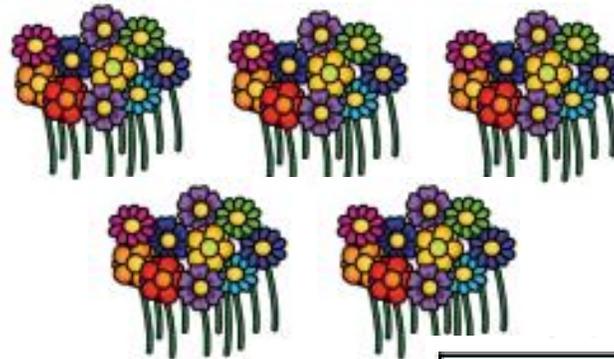
Tens	Ones
	32

Tens	Ones
30	2

Is 32 ones the same as 3 tens and 2 ones?
Why/ why not?

Next Slide

2. Mr Hollis counts 50 flowers.



Tens	Ones
50	0

He fills in the place value grid but Miss Newman tells him he's wrong. What mistake has he made?

Lesson 2

You have completed
today's Maths lesson –
Well done for working so
hard!

Click here to go
back to the main
menu

Lesson 3

Fluency

Click here to see
the answers!



1. If you didn't have a ruler, how could you measure how tall this door is?



2. Write the number 26 in a place value grid.

Tens	Ones

3. Complete the number sentence.

$$9 + 7 = \underline{\quad}$$

Lesson 3

Fluency Answers

Click to move on
to the next activity

- 
1. If you didn't have a ruler, how could you measure how tall this door is?



Accept a variety of answers, using a non-standard unit of measure, such as measuring with hands.

2. Write the number 26 in a place value grid.

Tens	Ones
2	6

3. Complete the number sentence.

$$9 + 7 = 16$$

Lesson 3

Please go to <https://www.thenational.academy/year-1/maths/to-explore-the-components-of-numbers-within-100-year-1-wk3-3/> and click on Start lesson. The third lesson is to exploring the components of numbers within 100.



Work through the lesson, pausing at various points to answer any questions. Please write any answers down in your exercise books.



Star Words!



Hundreds

Tens

Ones

Groups of ten

Dienes

Place value



Next Slide

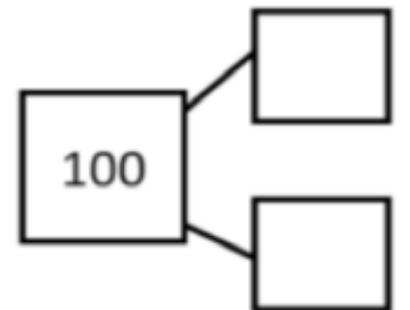
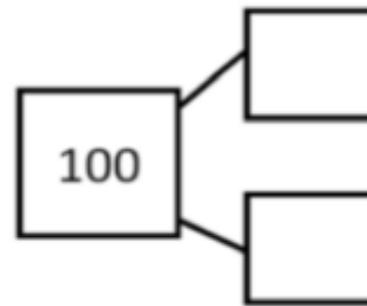
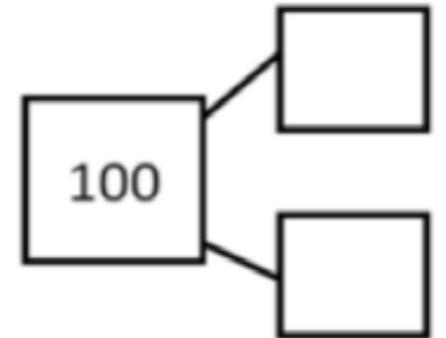
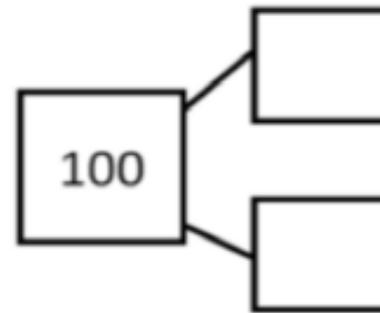
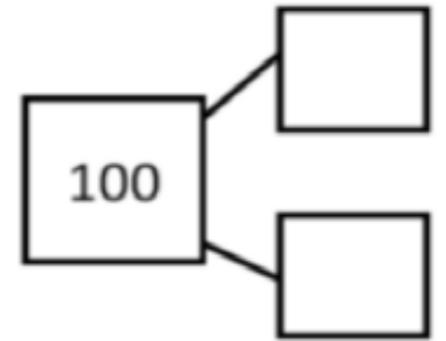
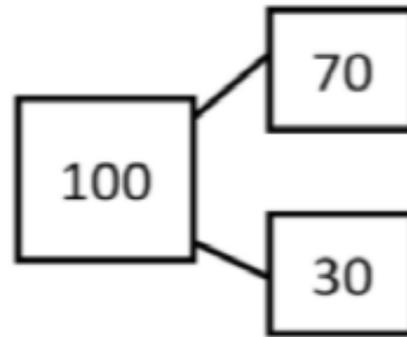
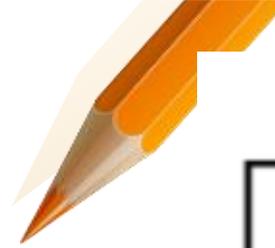
Lesson 3

Task

Complete the part-whole models for the number 100. Double check all of your models are different!

Don't worry that the part-whole model looks a little bit different – it has just been turned on its side but nothing else has changed!

REMEMBER: The sum of the parts create the whole!



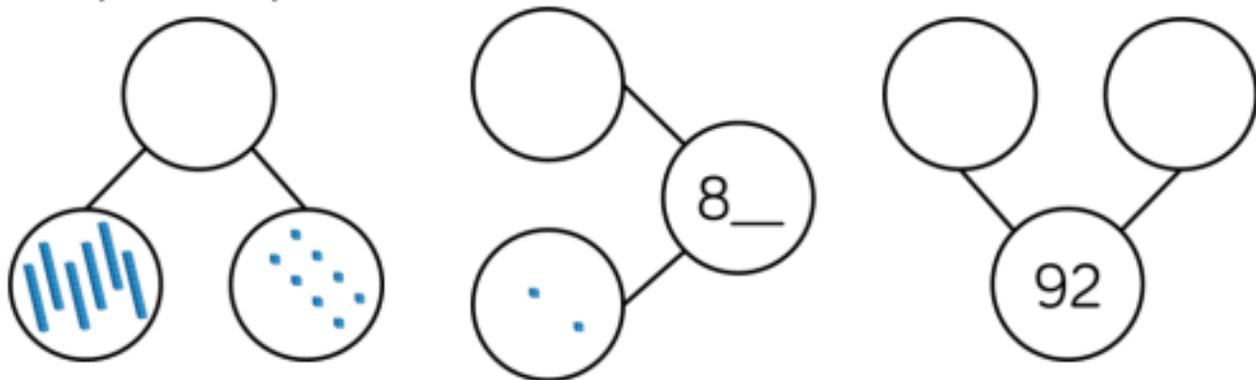
Further Challenges



Lesson 3

Here are some Maths challenges to extend your learning!

1. Complete the part-whole models.

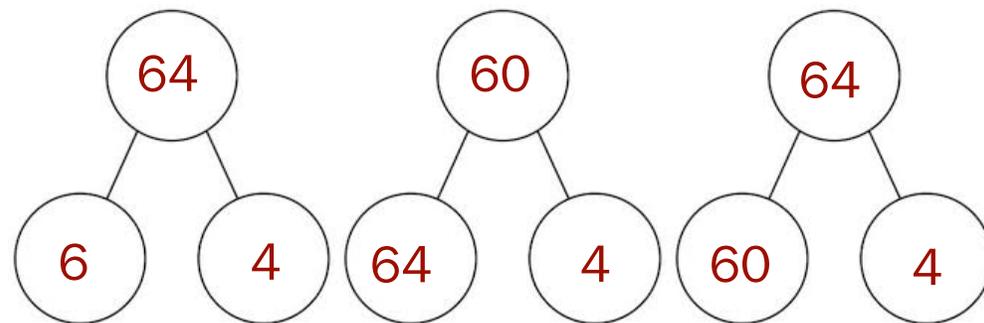


2. Write the stem sentences explaining how many tens and how many ones are in each number. The first has been done for you.

70 36 64 81 22 66 49

70 has 7 tens and 0 ones.

3. Which part whole model is correct? Why?



Reasoning

Lesson 3

On this page you have some reasoning questions to answer. Remember to explain your answers using full sentences,

1. What number is Miss Newman thinking off?

The number has 5 tens and fewer than 8 ones

How many possible numbers are there?



2. Think of a number that is...

- Greater than 84
- Less than 70
- Greater than 75 but less than 87

Is there more than one correct answer for each question?

3. Is Jack correct?
Why/ Why not?

I have 9 ones.



Mo



Jack

I only have 1 ten so your number is bigger than mine.

Next Slide

Lesson 3

You have completed
today's Maths lesson –
Well done for working so
hard!

Click here to go
back to the main
menu

Lesson 4

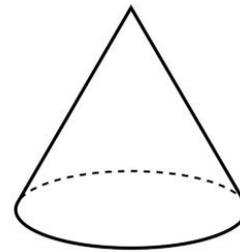
Fluency

Click here to see
the answers!



1. What is half of 8?

2. What 3D shape is this?



3. Complete the number sentence.

$$8 - 3 = \underline{\quad}$$

Lesson 4

Fluency Answers

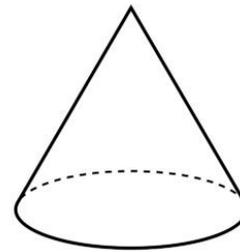
Click to move on
to the next activity



1. What is half of 8?

4

2. What 3D shape is this?



It is a cone

3. Complete the number sentence.

$$8 - 3 = 5$$

Lesson 4

Please go to <https://www.thenational.academy/year-1/maths/to-apply-knowledge-of-number-bonds-year-1-wk3-4/> and click on Start lesson. The fourth lesson is applying knowledge of number bonds.



Work through the lesson, pausing at various points to answer any questions. Please write any answers down in your exercise books.



Star Words!



Number bonds

Groups of ten

Multiple of ten

Tens

Ones



Part-whole model



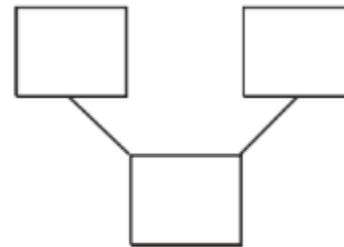
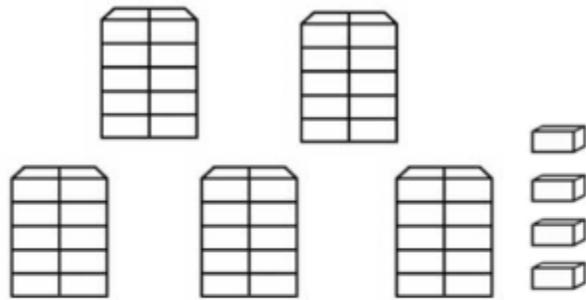
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Lesson 4

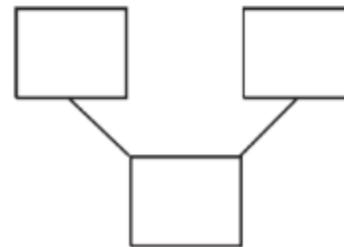
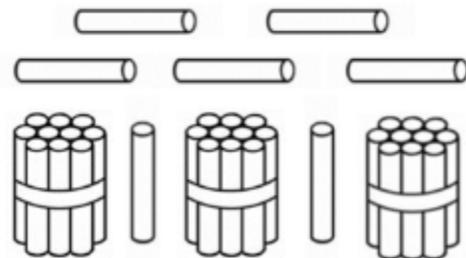
Task



Count the number of objects in the diagram and use this number to fill in the place value grid and the part-whole model.



Tens	Ones
5	4



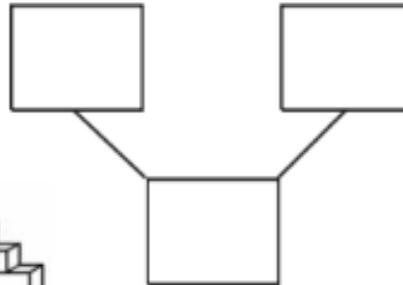
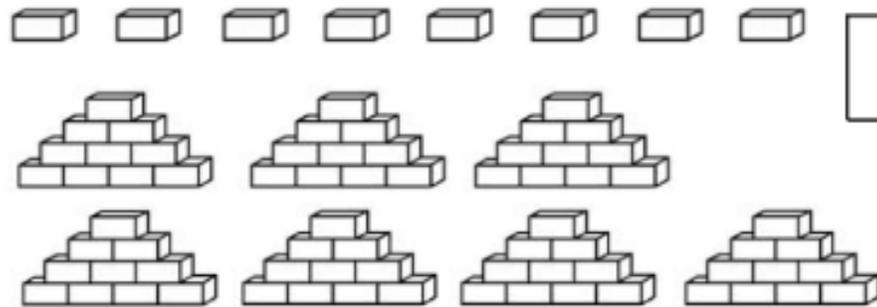
Tens	Ones

Task 2

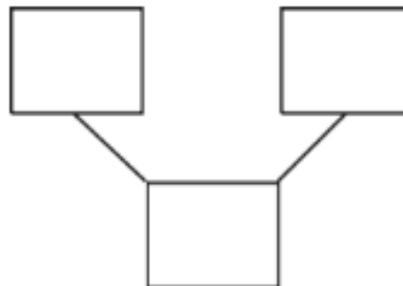
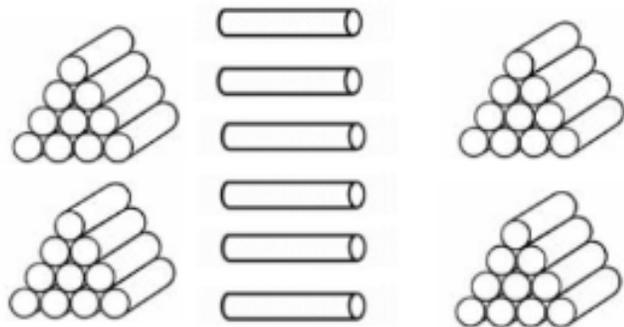
Lesson 4

Task

Count the number of objects in the diagram and use this number to fill in the place value grid and the part-whole model.



Tens	Ones



Tens	Ones

Reasoning

Lesson 4

On this page you have some reasoning questions to answer. Remember to explain your answers using full sentences,



$$0 + 10 = 10$$

$$1 + 9 = 10$$

$$2 + \underline{\quad} = 10$$

$$3 + 7 = 10$$

$$\underline{\quad} + 6 = 10$$

$$5 + 5 = 10$$

Mrs Webster is counting her number bonds to 10. She is missing a few, can you help her by filling in the gaps?



Miss Harding is counting her number bonds to 100. She is missing a few, can you help her by filling in the gaps?

$$0 + 100 = 100$$

$$\underline{\quad} + 90 = 100$$

$$20 + 80 = 100$$

$$30 + \underline{\quad} = 100$$

$$40 + 60 = \underline{\quad}$$

$$50 + 50 = 100$$

Do you notice any similarities in Miss Harding and Mrs Webster's numbers? Is there a pattern?

Next Slide

Lesson 4

You have completed
today's Maths lesson –
Well done for working so
hard!

Click here to go
back to the main
menu

Lesson 5

Fluency

Click here to see
the answers!



1. What is double 5?

2. What time does the clock show?



3. Complete the number sentence.

$$2 + \underline{\quad} = 6$$

Lesson 5

Fluency Answers!

Click to move on
to the next activity



1. What is double 5?

10

2. What time does the clock show?



It is 5 O'clock

3. Complete the number sentence.

$$2 + \underline{4} = 6$$

Lesson 5

Please go to <https://www.thenational.academy/year-1/maths/to-find-one-more-or-one-less-and-ten-more-or-ten-less-year-1-wk3-5/> and click on Start lesson. The fifth lesson is looking at finding one more or one less and ten more and ten less than a number.



Work through the lesson, pausing at various points to answer any questions. Please write any answers down in your exercise books.

Star Words!



One more

Ten more

One less

Ten less



One fewer

Ten fewer

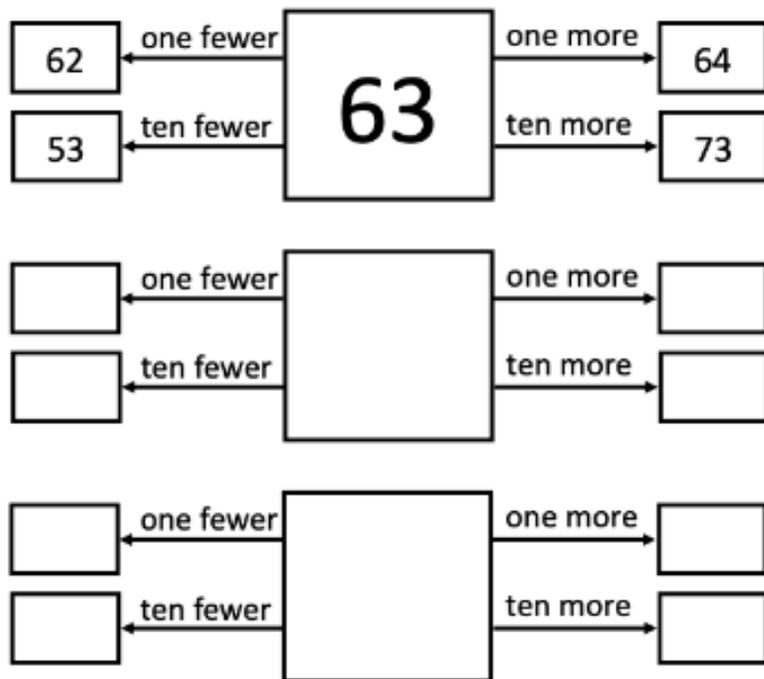


Next Slide

Lesson 5

Task

1. Fill in the missing numbers.



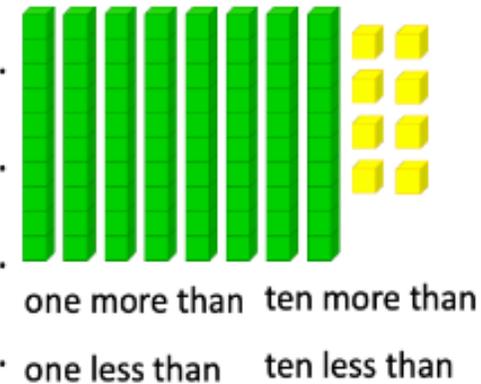
Complete the boxes to show one fewer (less) and one more and ten fewer (less) and ten more.

Further Challenges

Click here for some dienes cut outs that may help at home

2. Now complete these sentences using the support below.

98 is 88.
78 is 88.
89 is 88.
87 is 88.

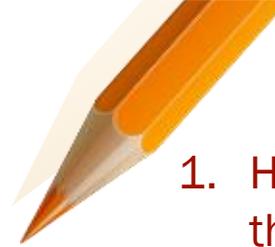


Lesson 5

Here are some Maths challenges to extend your learning!

Play the game 'Chopper Squad' Top Marks to get more practice of finding one more and one less than a number as well as counting between 0-100!

<https://www.topmarks.co.uk/learning-to-count/helicopter-rescue>



1. Here are 4 number cars. Select two of these card to make a 2 digit number e.g. using 5 and 7 I will make the number 57.



My number is _____

One more than my number is _____

One less than my number is _____

Ten more than my number is _____

Ten less than my number is _____

Challenge

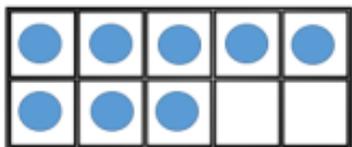
I have made a number from the cards that when you find 10 more, it is bigger than 100!
What could my number be?

Reasoning

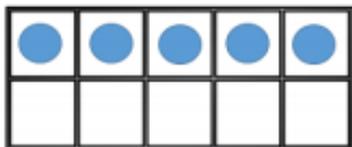
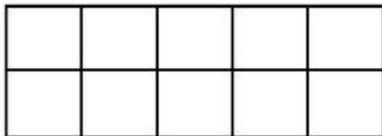
Lesson 5

On this page you have some reasoning questions to answer. Remember to explain your answers using full sentences,

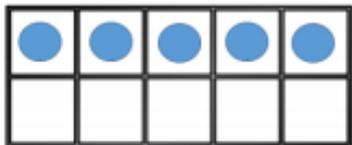
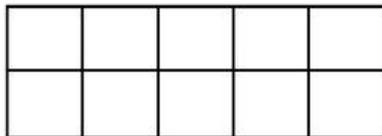
Can you move two of the counters so Rosie has 1 more than Alex and Whitney has 1 less than Alex?



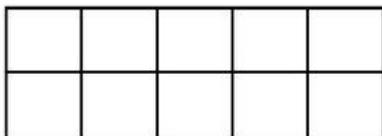
Alex



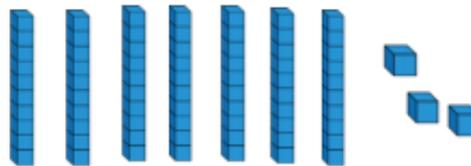
Rosie



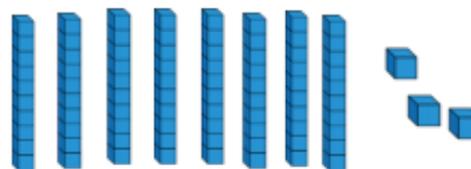
Whitney



Dora started with this number.

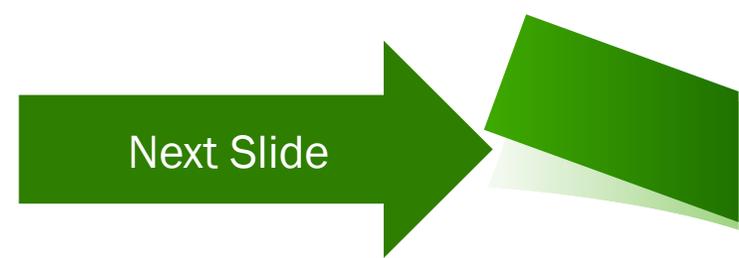


I am going to find one more.



Is Dora correct? Why/Why not?

If you think she is incorrect. What should she have drawn?



Lesson 5

You have completed
today's Maths lesson –
Well done for working so
hard!

Click here to go
back to the main
menu

Maths Challenge

This week's optional Maths challenge is called:
'100 Square Jigsaw'

To complete this go to <https://nrich.maths.org/5572>

100 Square Jigsaw

Can you complete the jigsaw of the 100 Square?

Remember it should show all the numbers from 1-100 in order!

There are 4 different puzzles for you to do.
Can you time yourself and see which you completed the fastest?

[Click here](#) for a hint to see a completed 100 square.

choose puzzle 1 2 3 4

95 96 97 98 99 100

5 6 7

15 25 35 45 54 55

12 13 23 32 33 42 52

61 62 71 81 91 82 83 84 85 93 94 74 56 64 65 66 67 68 75 76 77 86 87 88 89

16 26 36 40 50

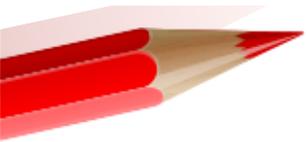
11 21 31 41 51

19 28 29 39 49 58 59 43 44 53 63 38 47 48 57 8 9

1 2 3 4

14 24 34 60 69 70 78 79 80 90

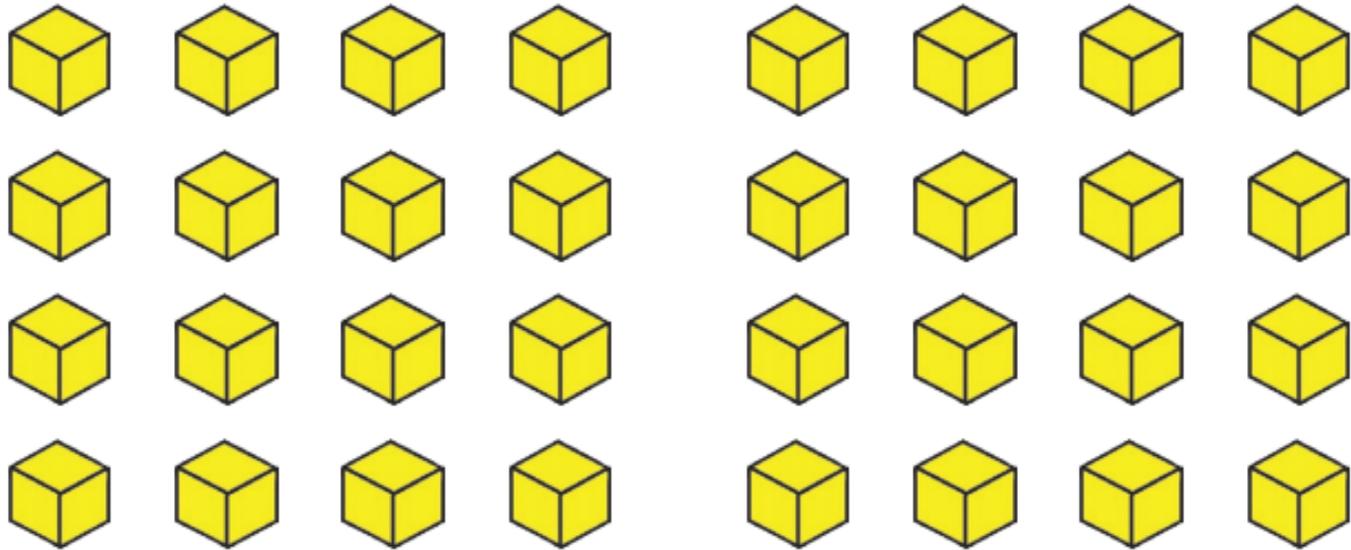
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



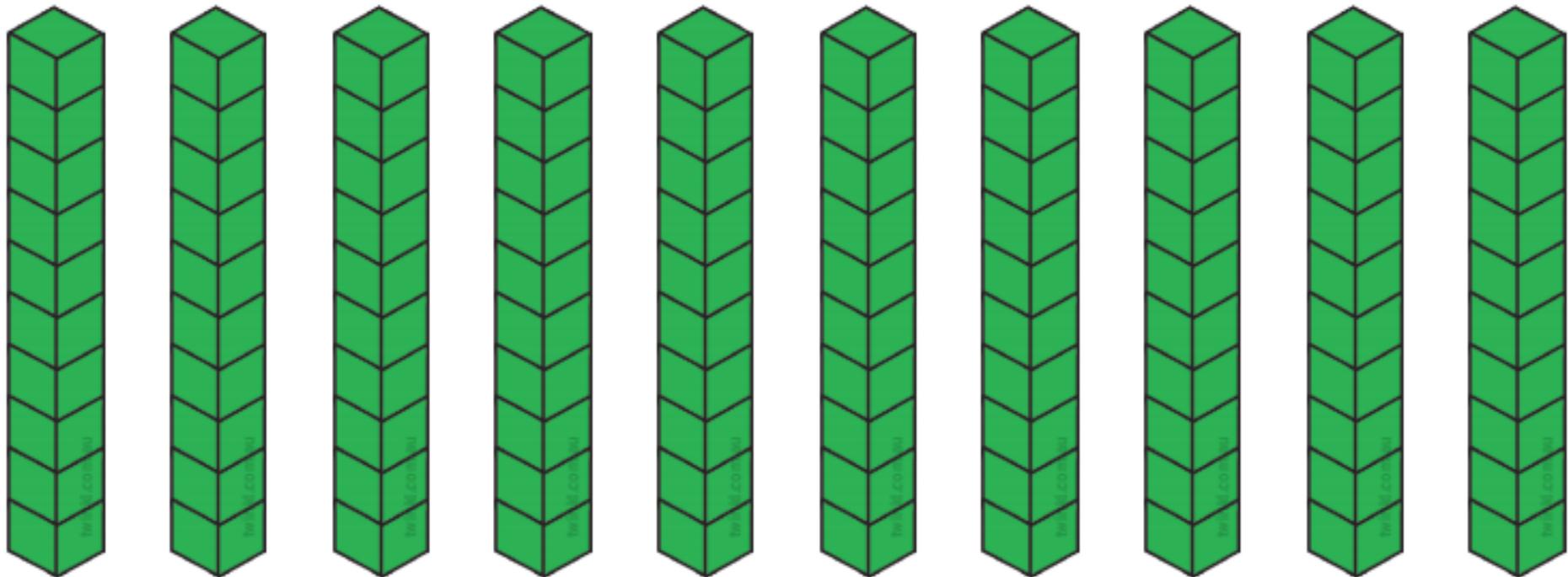
Click here to go
back to the main
menu

This is a 100 Square. Use this to
help you complete the jigsaw.

Dienes Cut Outs



Click here to go back to the main menu



0 to 100 Number Line

[Click here to go back to the main menu](#)



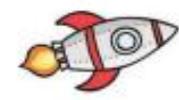
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25



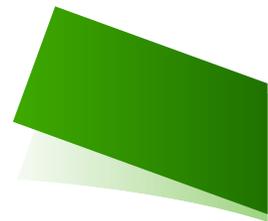
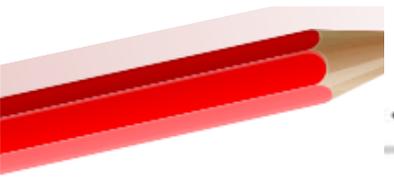
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



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



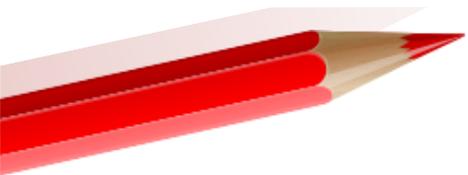
76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



We hope you all...



HAVE A
GREAT
WEEKEND



The Year
1 Team

x