Number and Place Value:
Read and Write Numerals to 100

Aim:	Success Criteria:	Resources:
Count, read and write numbers to 100 in numerals. DfE Ready-to-Progress Criteria: Count within 100, forwards and backwards, starting with any number (1NPV–1). To read and write numerals to 100.	I can count up to 100. I can read numerals to 100. I can write numerals to 100.	Lesson Pack
	Key/New Words: Count, read, write, say, 100, numerals, numbers, tens, ones, represent/ed, blank 100 square, ten-frame, place value chart, arrow cards, base ten.	**Preparation:** Differentiated Read and Write Numerals to 100 Activity Sheets - one per child Diving into Mastery Activity Cards - as required The following equipment may be useful to support this lesson: Blank ten-frames and counters Blank place value charts and counters Base ten Blank Ten-Frames Recording Sheet Tens and Ones Place Value Chart Display Poster

Prior Learning: It will be helpful if children can count forwards and back to 100, as covered in Counting Forwards and Back beyond 100, which is an earlier lesson in this unit.

Learning Sequence

	**Remember It:** Using the 100 square in the Lesson Presentation, children count to 100 and back with their partner, tapping their nose 100 times as they count. They then choose different numbers to count from and count forwards and back from these numbers. As a challenge, they choose a number for a friend to start counting from. They listen to them count to check they say the right numbers. Can the children count up to 100?	
	**What is a Numeral?** Using the relevant slides in the Lesson Presentation, the children learn what a numeral is. Numerals are the symbols we use to represent numbers. Numbers can be written in words or numerals and there are 100 numerals on a 100 square. There is a numeral in each square. The children try to match words to numerals.	
	**See It, Say It:** Using the relevant slides of the Lesson Presentation, the children see various numerals and say them out loud. Can the children read numerals to 100?	
	**See It, Write It:** The children will see different representations of numbers to 100 in the Lesson Presentation. These include a blank 100 square shaded in, a ten-frame, a place value chart, arrow cards and base ten equipment. The children will write the numeral that is being represented by each image on their whiteboards. They could discuss this with their partner and explain why they have chosen to write that numeral. Can the children write numerals to 100?	
	**Bingo:** The children divide their whiteboards into six sections. They could do this with their partner. They choose six numerals up to 100 and write them in the sections. You may wish to restrict the numerals that they choose. For example, only numerals over 50, etc. Say various numbers out loud. If the children hear a number they have written, they cross that numeral off on their board. When they have crossed off all of the numbers on their board, they shout 'BINGO!'.	

Read and Write Numerals to 100: Using the differentiated Read and Write Numerals to 100 Activity Sheets, the children work on reading and writing numerals to 100. They read a numeral and colour in a ten-frame or blank 100 square to represent this. They also write the numeral represented by different images.

To support children working towards expected level, they read small numerals and colour in ten-frames to represent these. They write the small numerals represented by different images.

Children working at expected level read numerals and colour in blank 100 squares to represent these. They write numerals represented by images.

To challenge children working at greater depth, they read larger numerals and colour in blank 100 squares to represent these. They write the larger numerals represented by images.

Diving into Mastery: Schools using a mastery approach may prefer to use the following as an alternative activity. These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.

The children work on their fluency by saying the numbers represented by different images and writing the numeral. They also read numerals and say them out loud.

The children work on their reasoning by discussing a common misconception where the tens and ones are reversed. They explain which answer they think is correct and why.

The children work on their problem-solving by matching images to numerals. They decide which image doesn't match either numeral.

Exploreit

Makeit: Children make numerals up to 100 using modelling clay or other malleable products.

Findit: Children explore the classroom or school, looking for numerals up to 100.

Representit: Children to be given numerals on card. They represent these using equipment, such as ten-frames, arrow cards or base ten.

Matchit: Using these 0-100 Numeral and Number Word Matching Cards, the children match the numbers written in words to the numbers written in numerals.

Learnit: Children will find this visually exciting Knowledge Organiser a useful tool to support them with their understanding of number and place value within 100.

Aim: To read and write numerals to 100.				**Date:**					
				Delivered By:			**Support:**		
Success Criteria	**Me**	**Friend**	**Teacher**	**T**	**PPA**	**S**	**I**	**AL**	**GP**
I can count up to 100.				**Notes/Evidence**					
I can read numerals to 100.									
I can write numerals to 100.									

Next Steps

- _____
- _____

T	Teacher	**I**	Independent
PPA	Planning, Preparation and Assessment	**AL**	Adult Led
S	Supply	**GP**	Guided Practice

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I can count up to 100.				**Notes/Evidence**					
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Next Steps

- _____
- _____

T	Teacher	**I**	Independent
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Disclaimer/s

We hope you find the information on our website and resources useful.

Animation

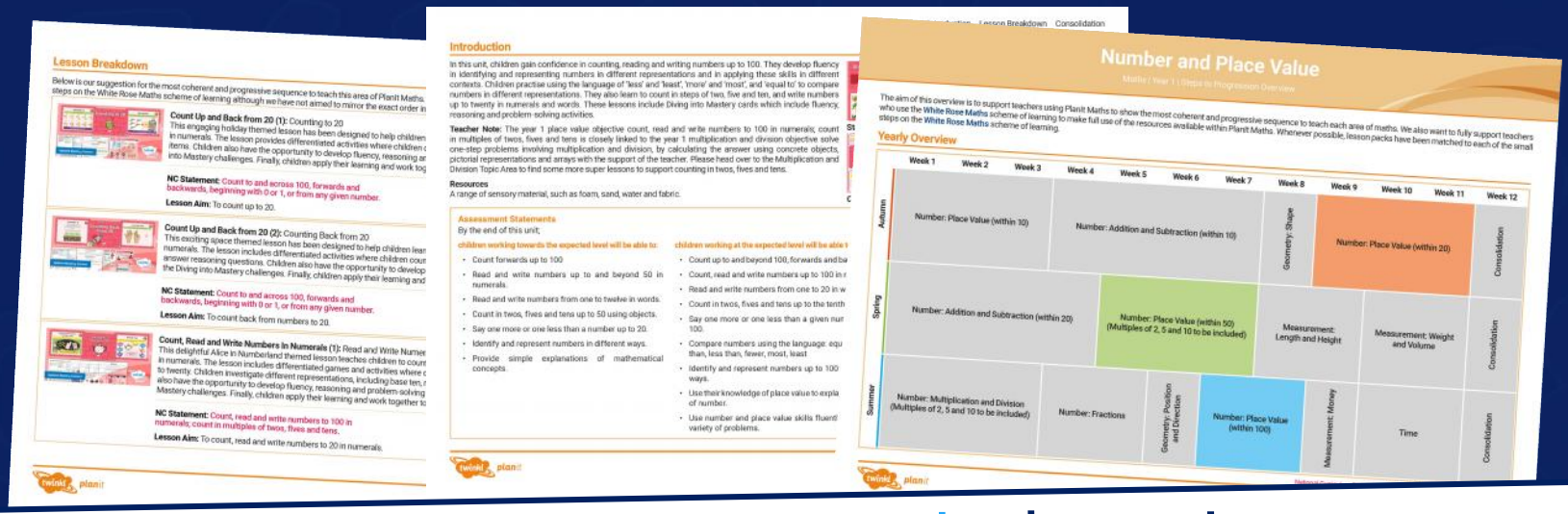
This resource has been designed with animations to make it as fun and engaging as possible. To view the content in the correct formatting, please view the PowerPoint in 'slide show mode'. This takes you from desktop to presentation mode. If you view the slides out of 'slide show mode', you may find that some of the text and images overlap each other and/or are difficult to read.

To enter slide show mode, go to the **slide show menu tab** and select either **from beginning or from current slide**.

Maths

Number and Place Value

Need a coherently planned sequence of lessons to complement this resource?



See our Number and Place Value document.

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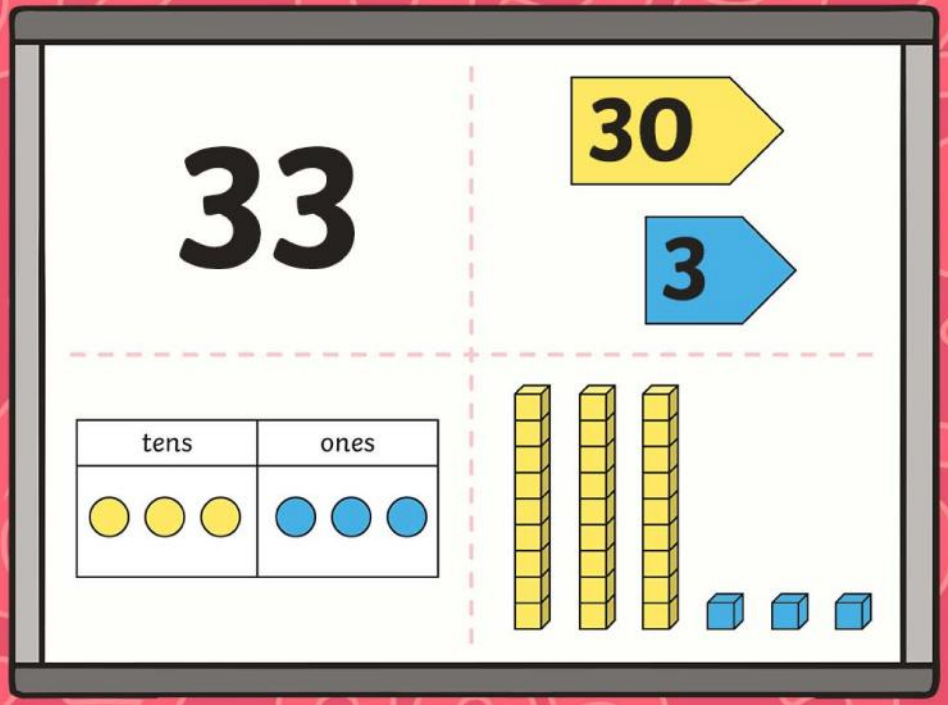
Read and Write Numerals to 100



Aim

- To read and write numerals to 100.

Success Criteria

- I can count up to 100.
- I can read numerals to 100.
- I can write numerals to 100.

Remember It

Can you count to 100 and back with your partner?
Tap your nose 100 times as you count.

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

Choose some different numbers to count from.

Can you count forwards and back from these numbers?

Challenge: Choose a number for a friend to start counting from.
Listen to them count and check they say the right numbers.

What is a Numeral?

Numerals are the symbols we use to represent numbers.

Numbers can be written in words or numerals.

Here are the numbers up to five, written in words and numerals.

Words				
one	two	three	four	five
1	2	3	4	5
Numerals				

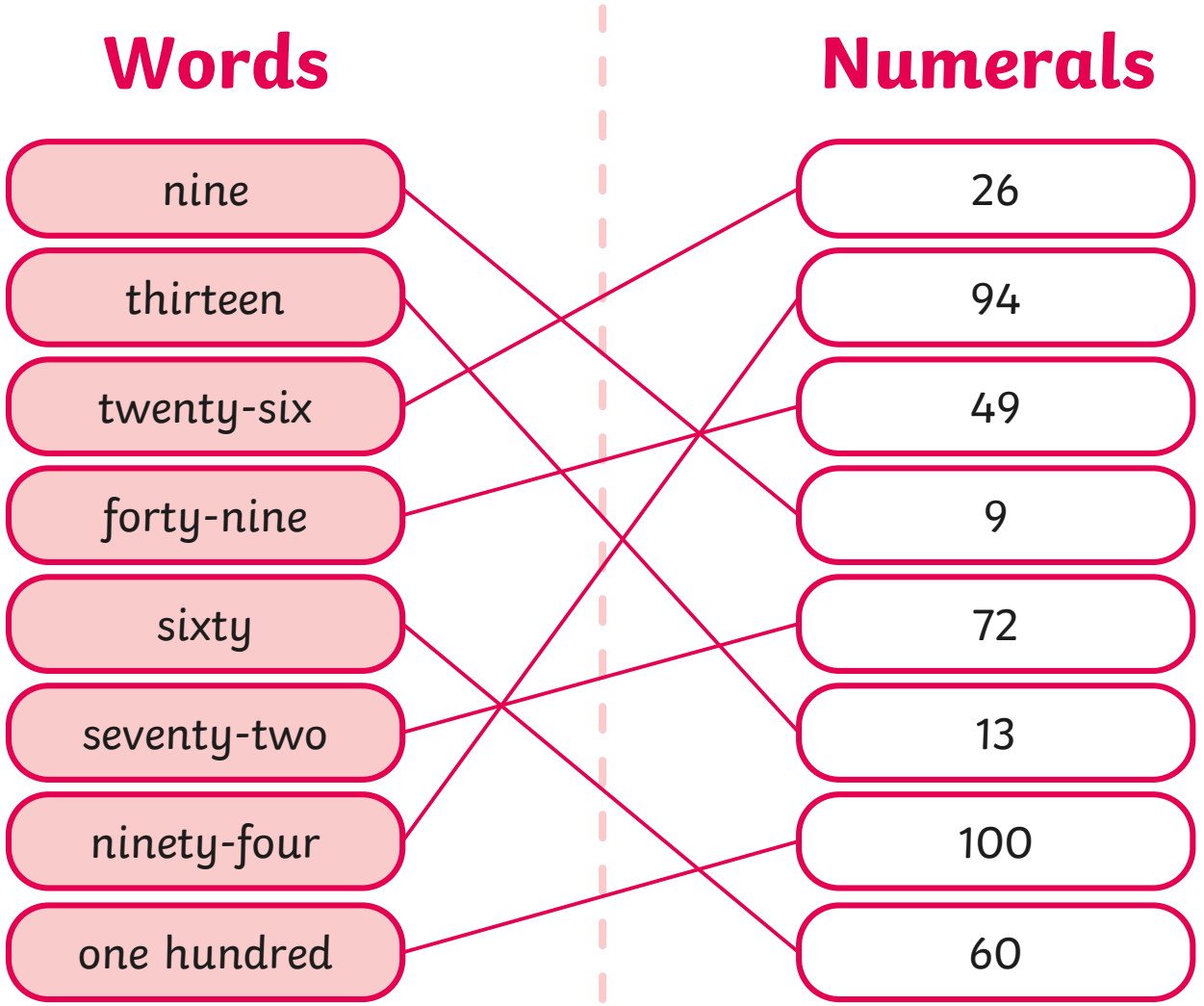
What is a Numeral?

There are 100 numerals on a 100 square.
There is a numeral in each 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

What is a Numeral?

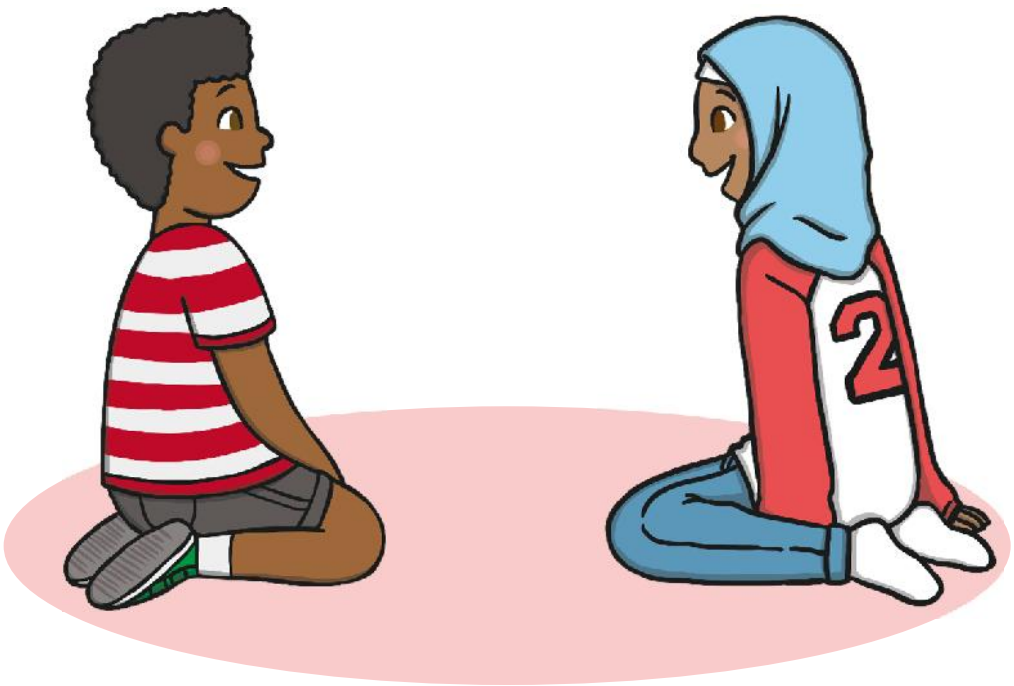
Can you match the words to the numerals?



See It, Say It

We will now see some different numerals.

Can you read the numerals and say them out loud?



See It, Say It

Can you read the numeral?

0

See It, Say It

Can you read the numeral?

5

See It, Say It

Can you read the numeral?

12

See It, Say It

Can you read the numeral?

13

See It, Say It

Can you read the numeral?

21

See It, Say It

Can you read the numeral?

24

See It, Say It

Can you read the numeral?

30

See It, Say It

Can you read the numeral?

36

See It, Say It

Can you read the numeral?

43

See It, Say It

Can you read the numeral?

49

See It, Say It

Can you read the numeral?

52

See It, Say It

Can you read the numeral?

57

See It, Say It

Can you read the numeral?

62

See It, Say It

Can you read the numeral?

67

See It, Say It

Can you read the numeral?

74

See It, Say It

Can you read the numeral?

79

See It, Say It

Can you read the numeral?

86

See It, Say It

Can you read the numeral?

88

See It, Say It

Can you read the numeral?

91

See It, Say It

Can you read the numeral?

99

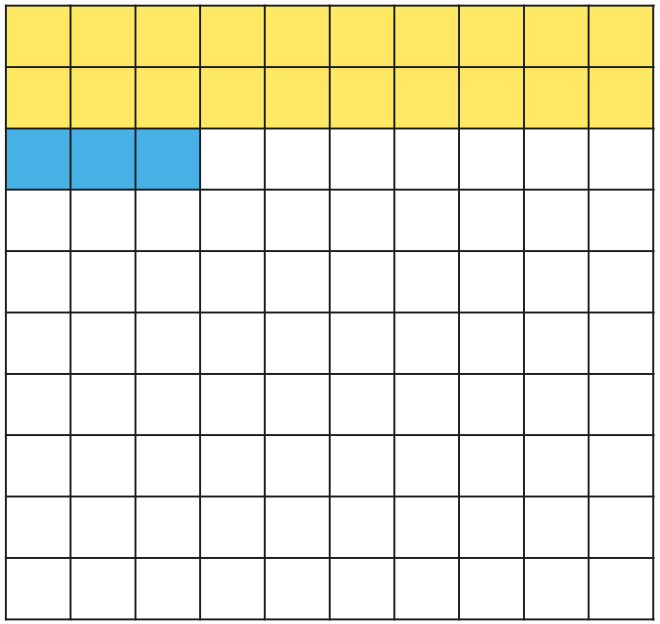
See It, Say It

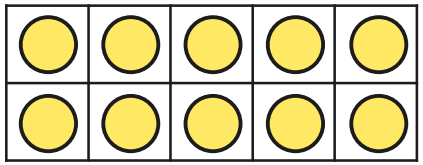
Can you read the numeral?

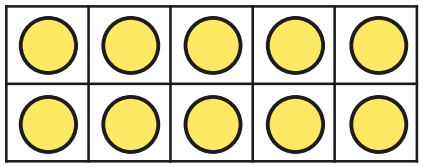
100

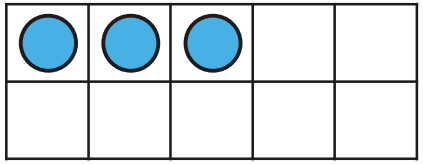
See It, Write It!

We will see numbers represented in different ways and we will write the numeral.

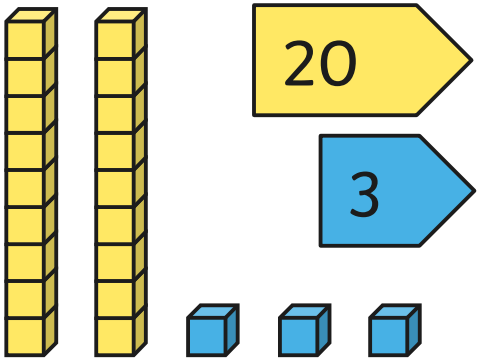






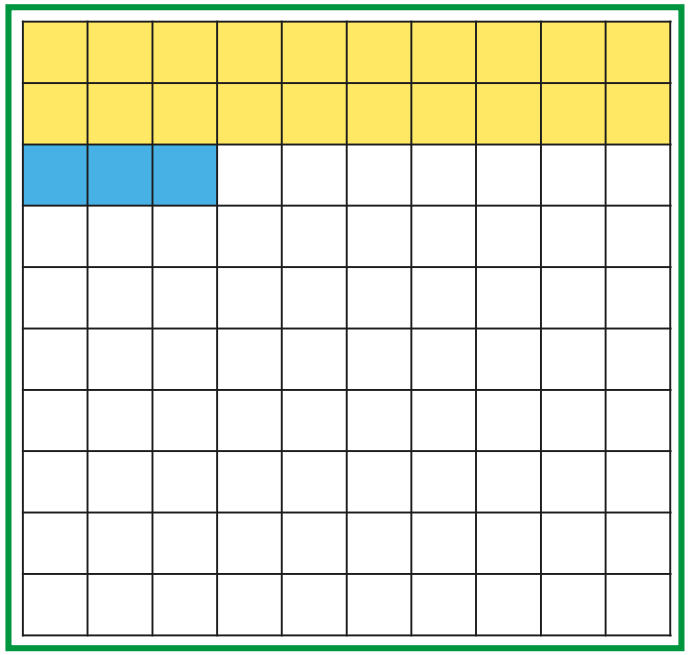


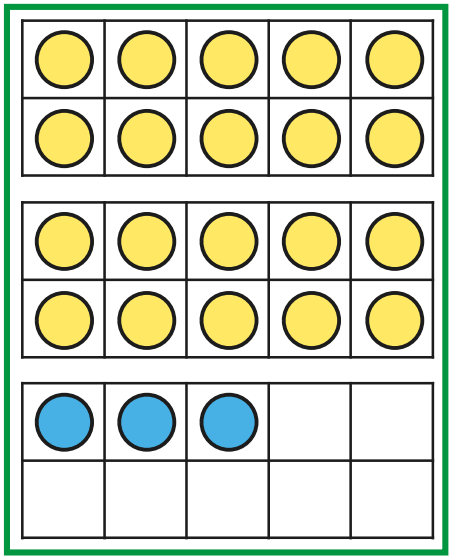
tens	ones
● ●	● ● ●



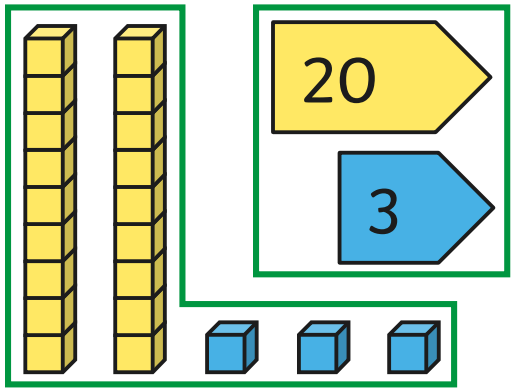
See It, Write It!

What is bein base ten he numbers?



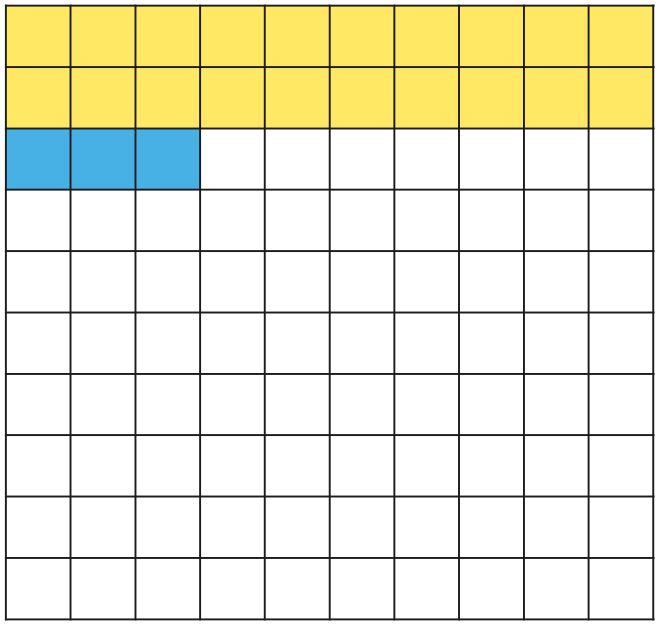


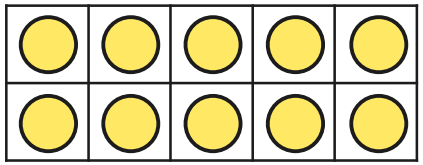
tens	ones
● ●	● ● ●

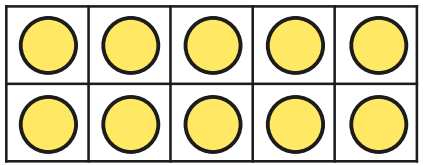


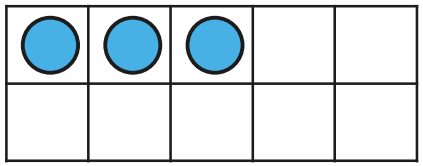
See It, Write It!

Which number is being represented?
Why do you think this?

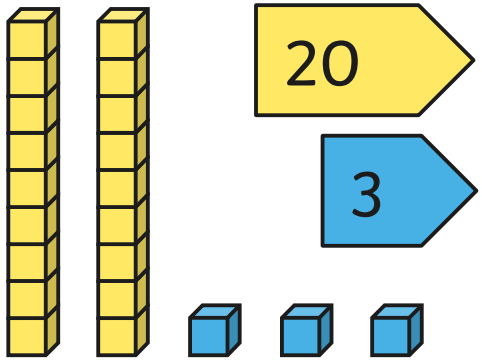






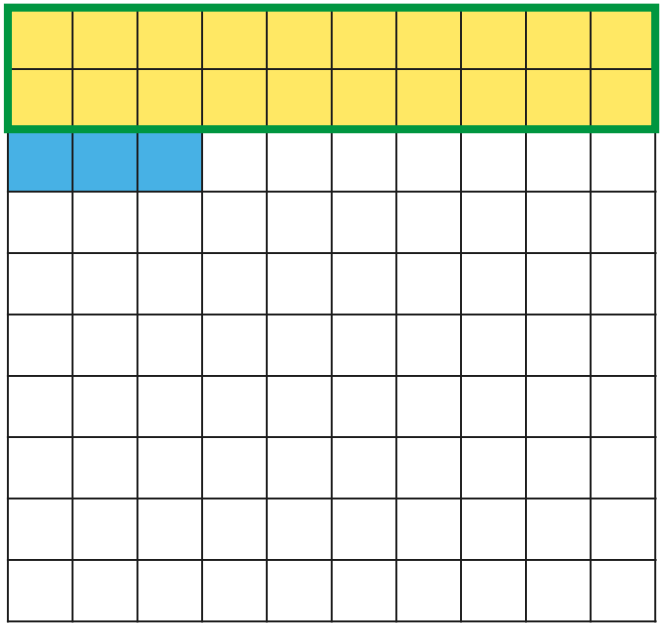


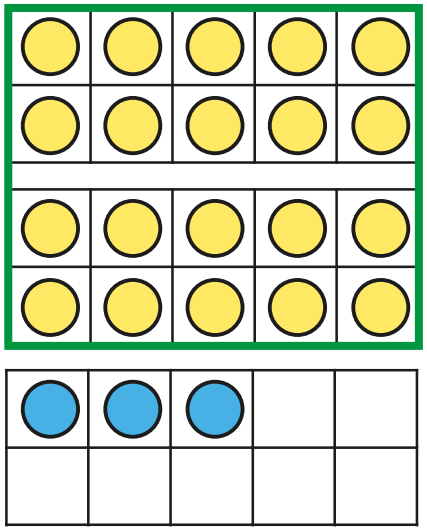
tens	ones
	



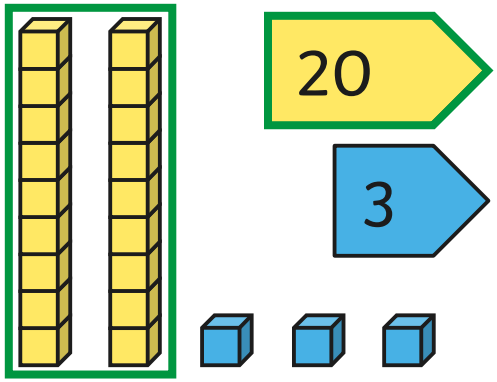
See It, Write It!

First we look at the tens. This number has 2 tens.



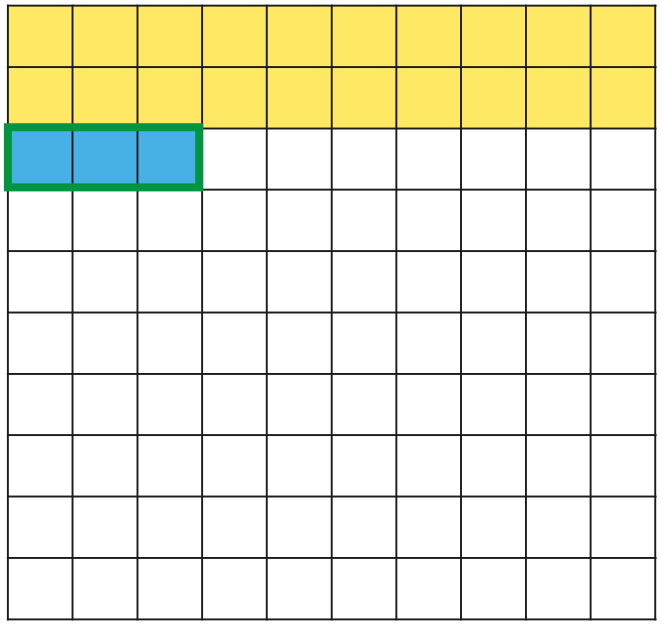


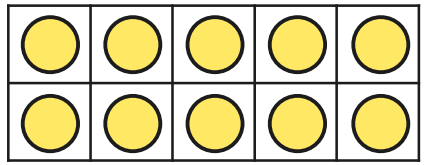
tens	ones
● ●	● ● ●

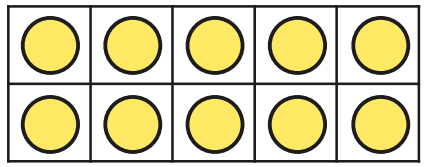


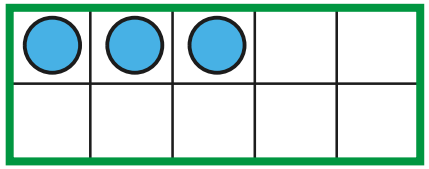
See It, Write It!

Then we look at the ones. This number has 3 ones.

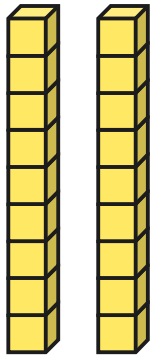








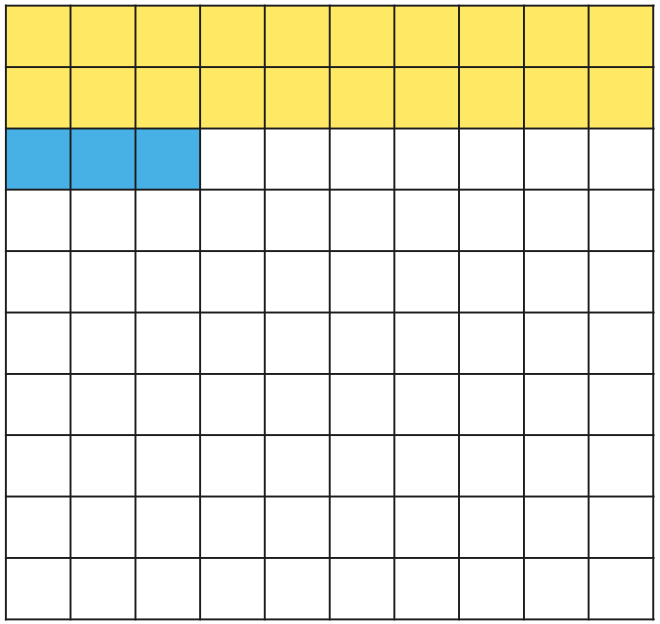
tens	ones
● ●	● ● ●

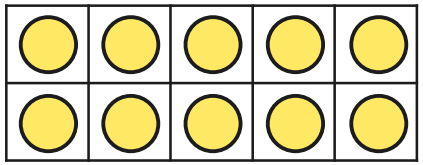


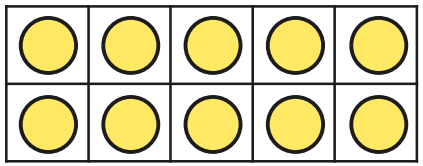
See It, Write It!

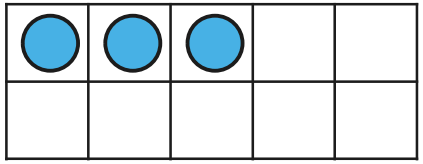
The numeral that we write to represent this number is 23.

23

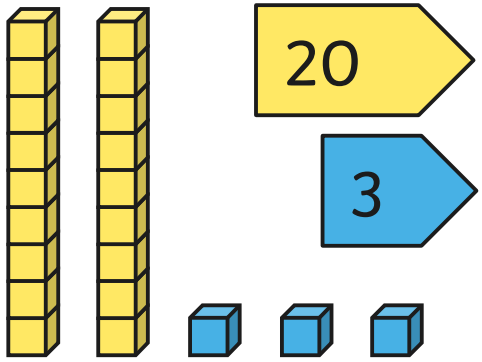








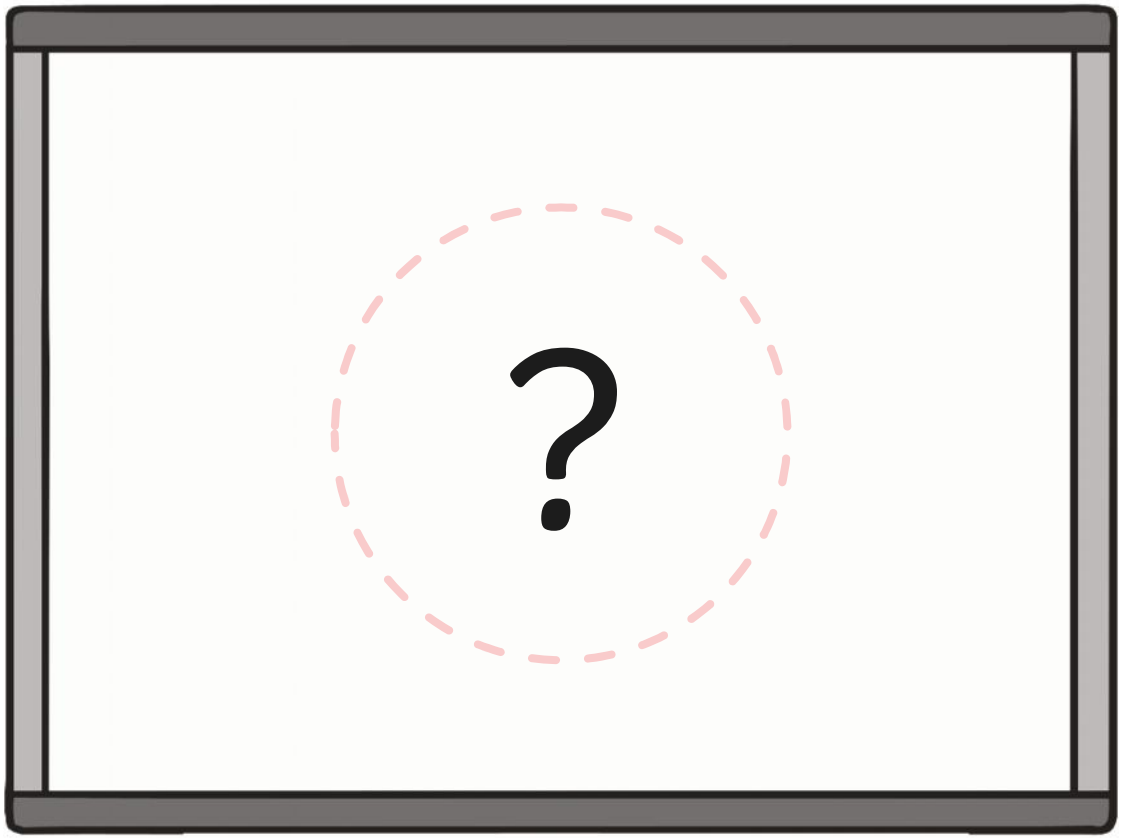
tens	ones
	



See It, Write It!

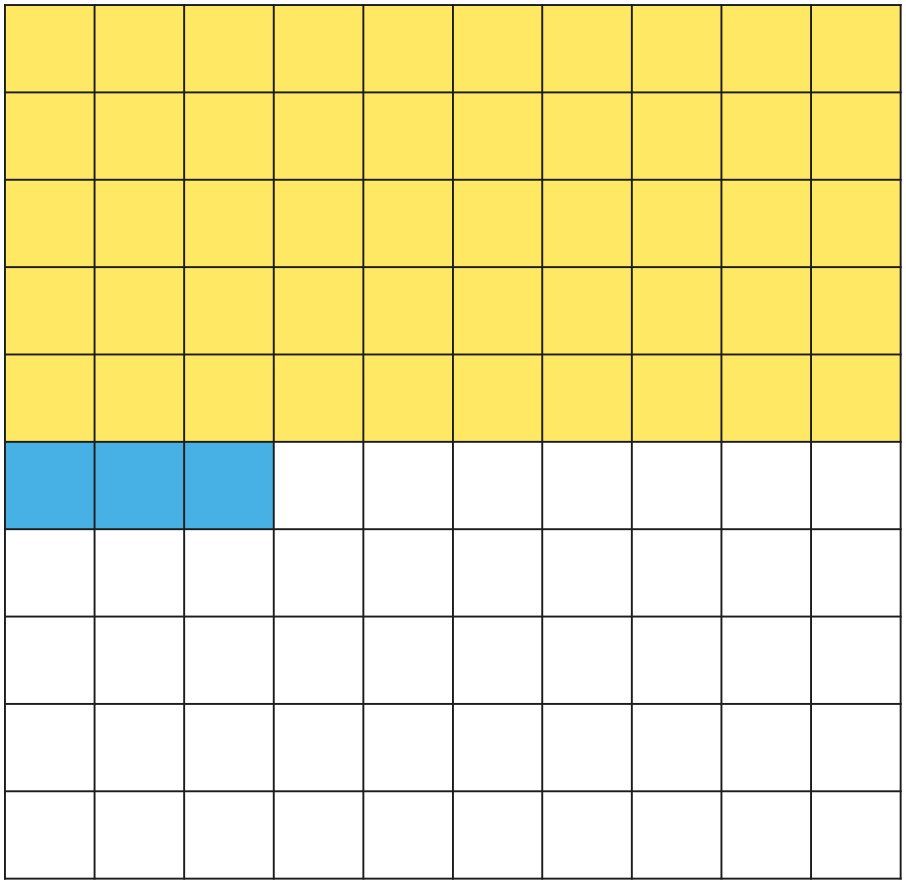
We will look at some different numbers being represented in different ways.

Can you write the numeral?



See It, Write It!

Can you write the numeral?



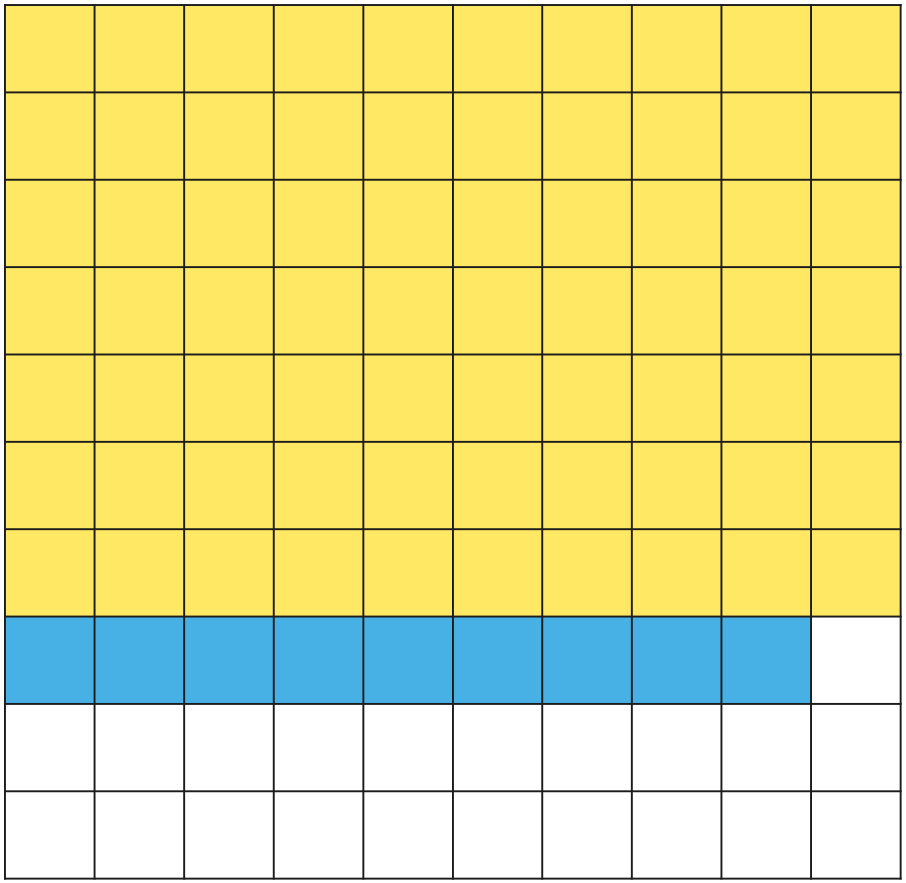
5 tens

3 ones

53

See It, Write It!

Can you write the numeral?



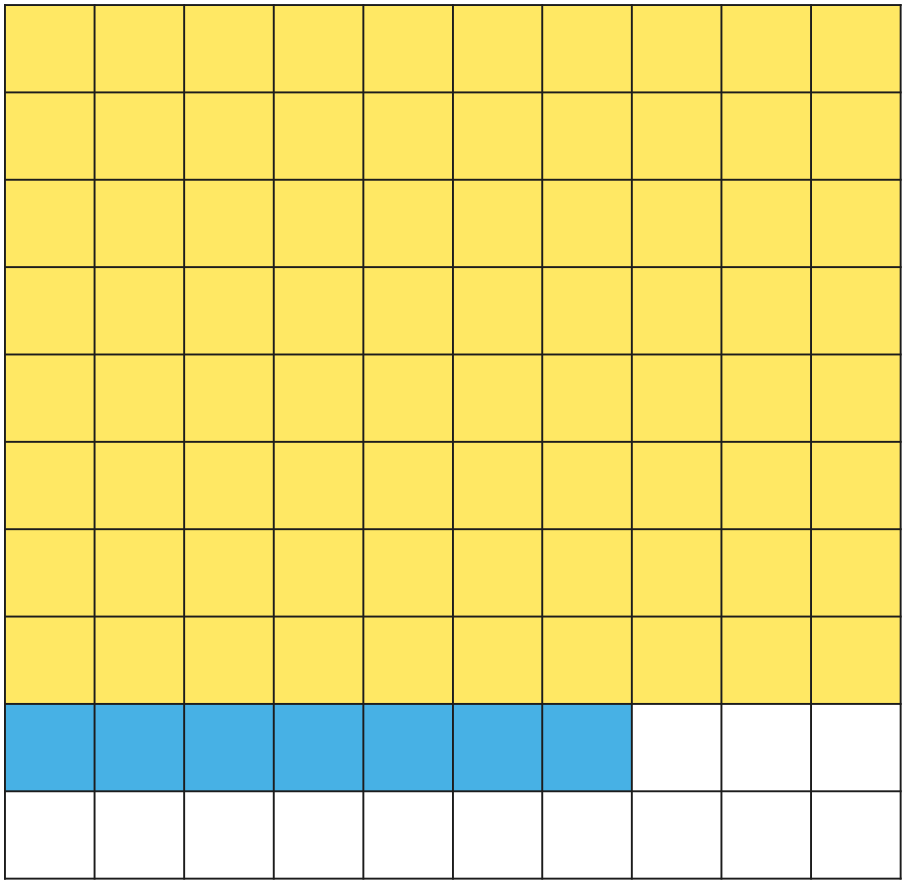
7 tens

9 ones

79

See It, Write It!

Can you write the numeral?



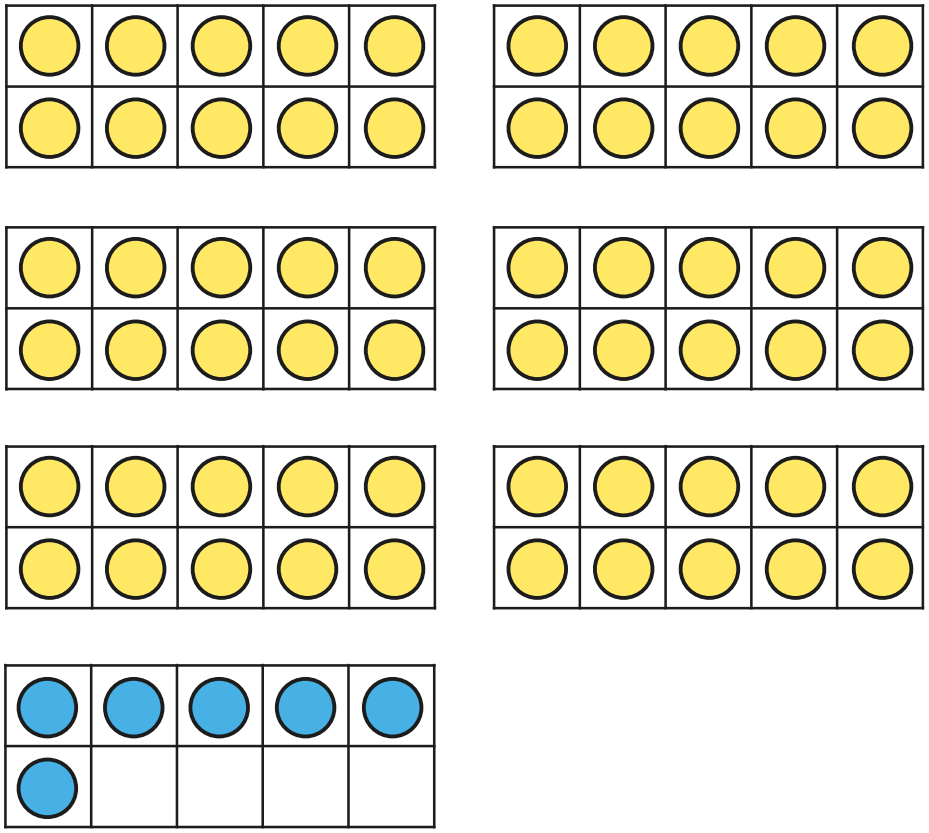
8 tens

7 ones

87

See It, Write It!

Can you write the numeral?



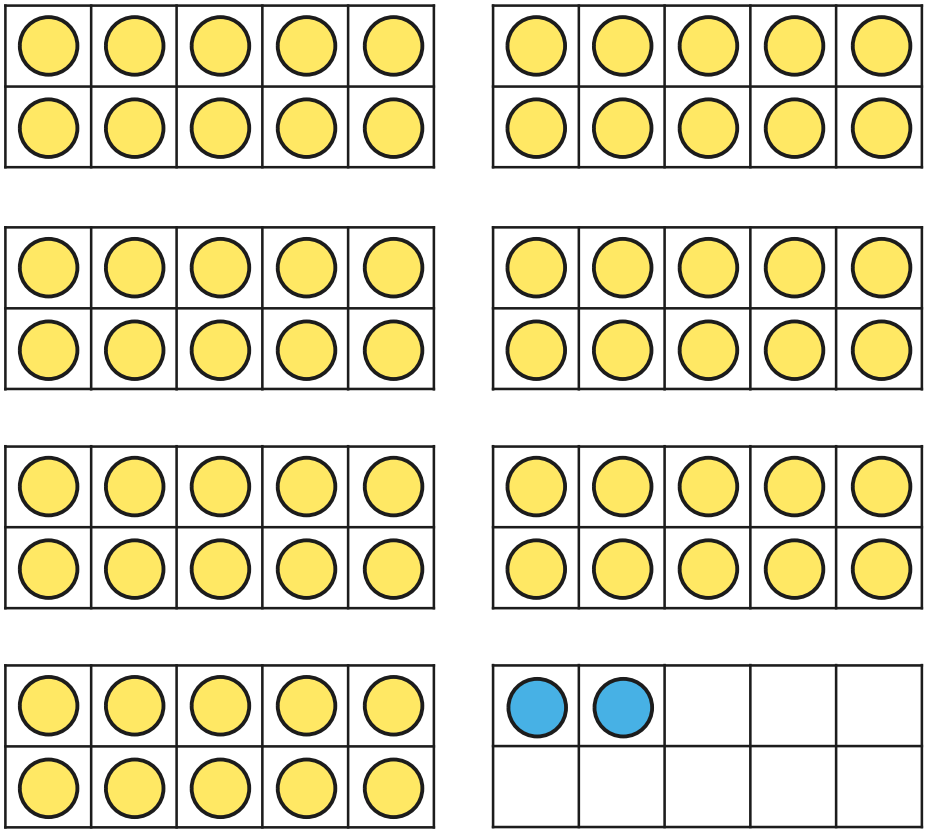
6 tens

6 ones

66

See It, Write It!

Can you write the numeral?



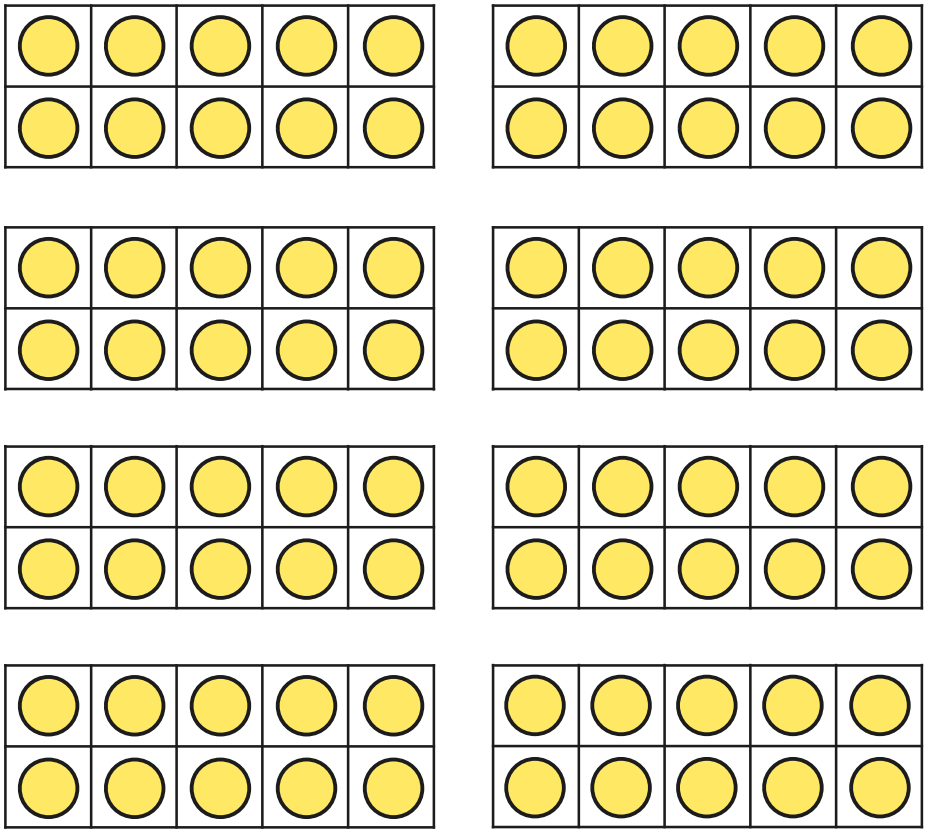
7 tens

2 ones

72

See It, Write It!

Can you write the numeral?



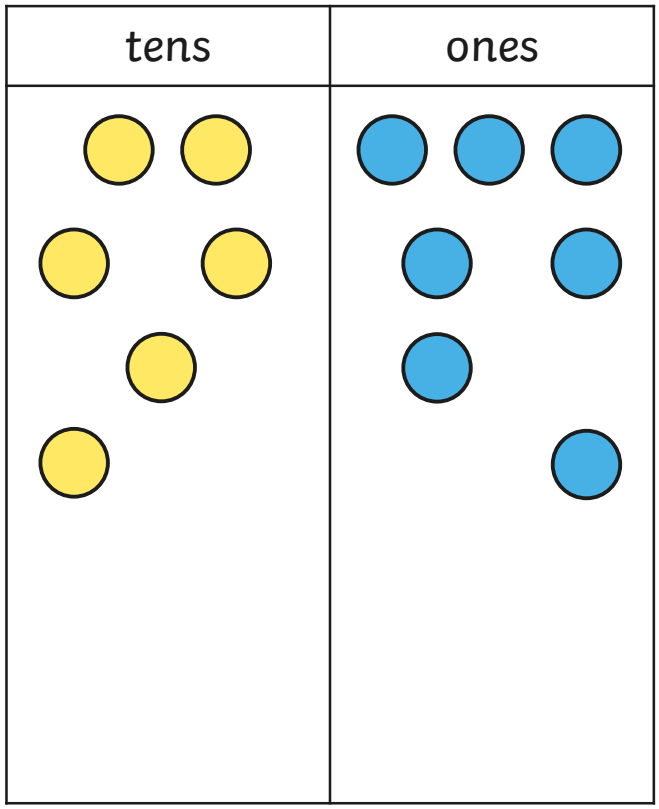
8 tens

0 ones

80

See It, Write It!

Can you write the numeral?



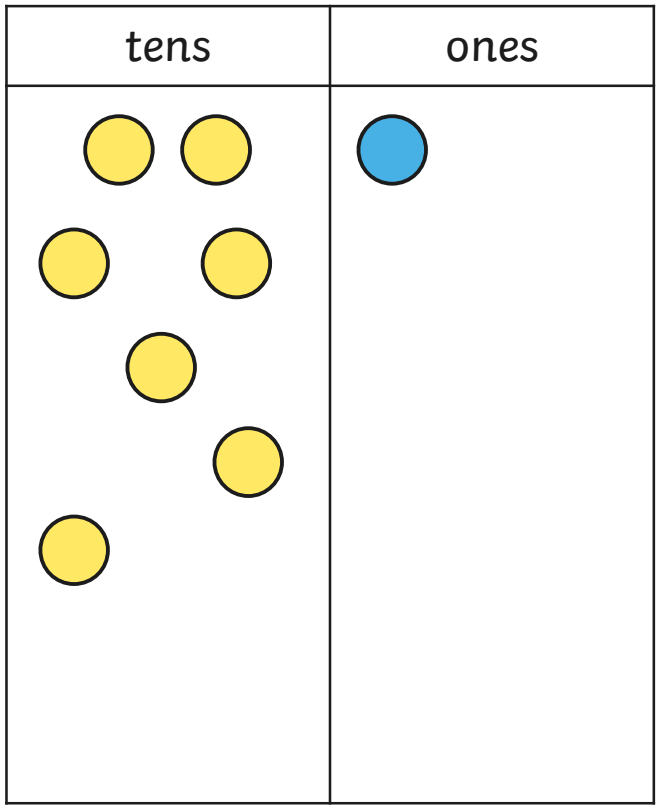
6 tens

7 ones

67

See It, Write It!

Can you write the numeral?



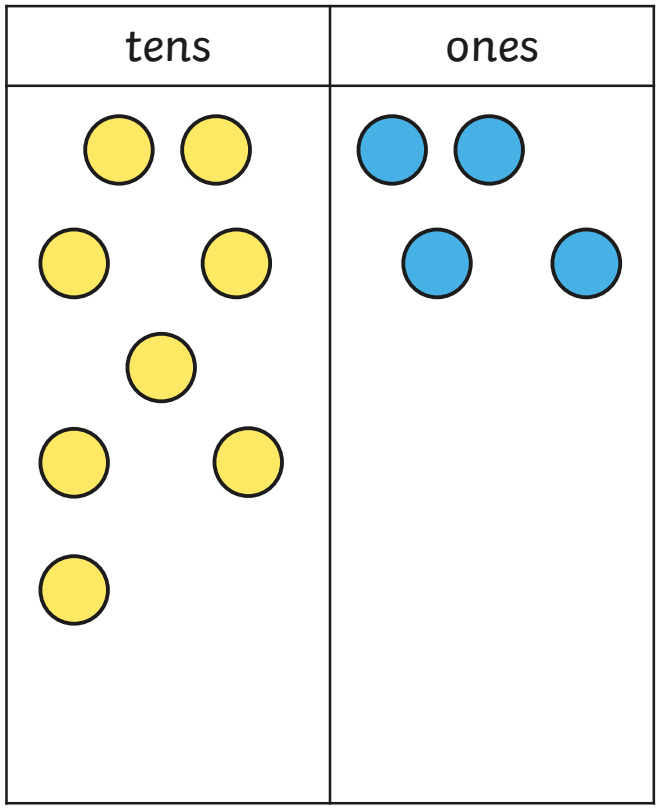
7 tens

1 ones

71

See It, Write It!

Can you write the numeral?



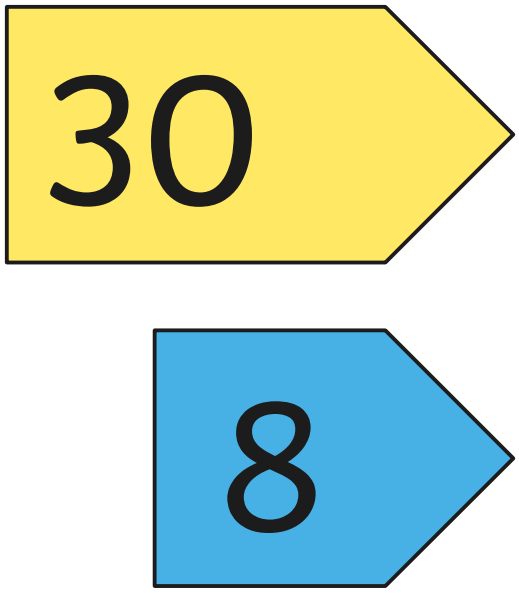
8 tens

4 ones

84

See It, Write It!

Can you write the numeral?



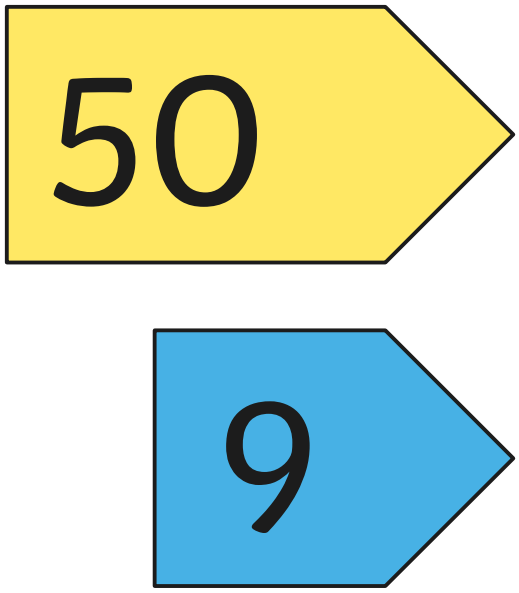
3 tens

8 ones

38

See It, Write It!

Can you write the numeral?



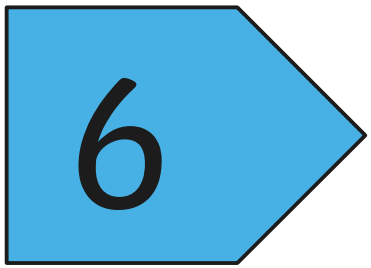
5 tens

9 ones

59

See It, Write It!

Can you write the numeral?



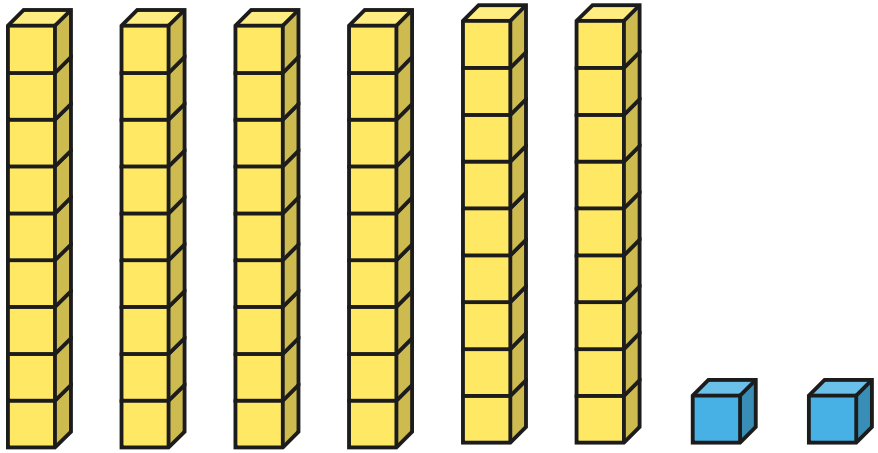
7 tens

6 ones

76

See It, Write It!

Can you write the numeral?



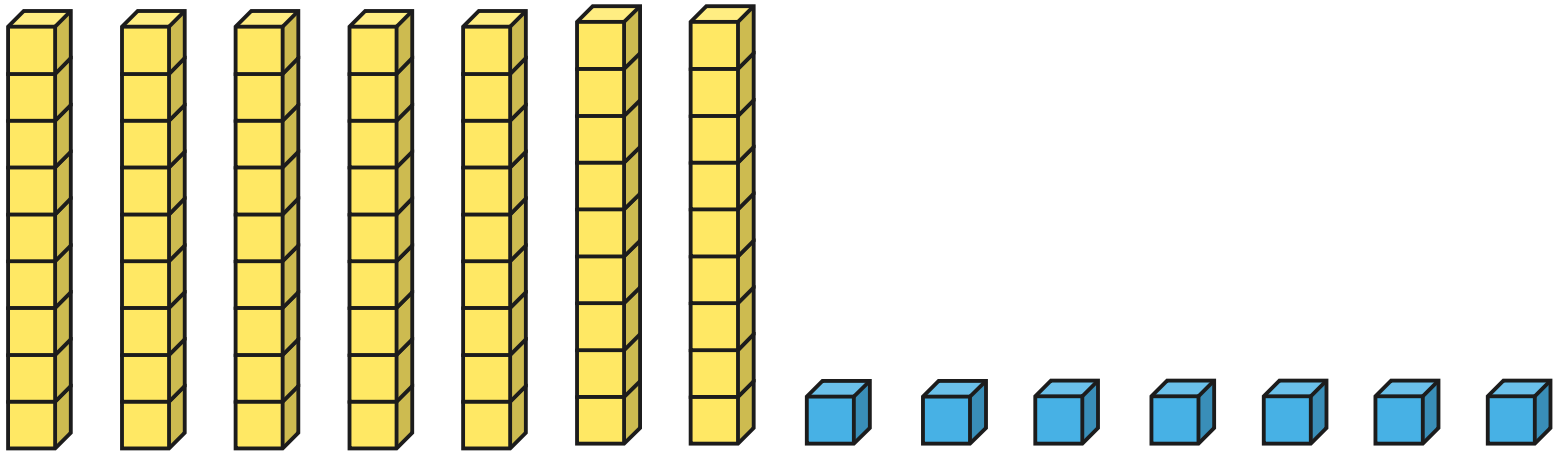
6 tens

2 ones

62

See It, Write It!

Can you write the numeral?



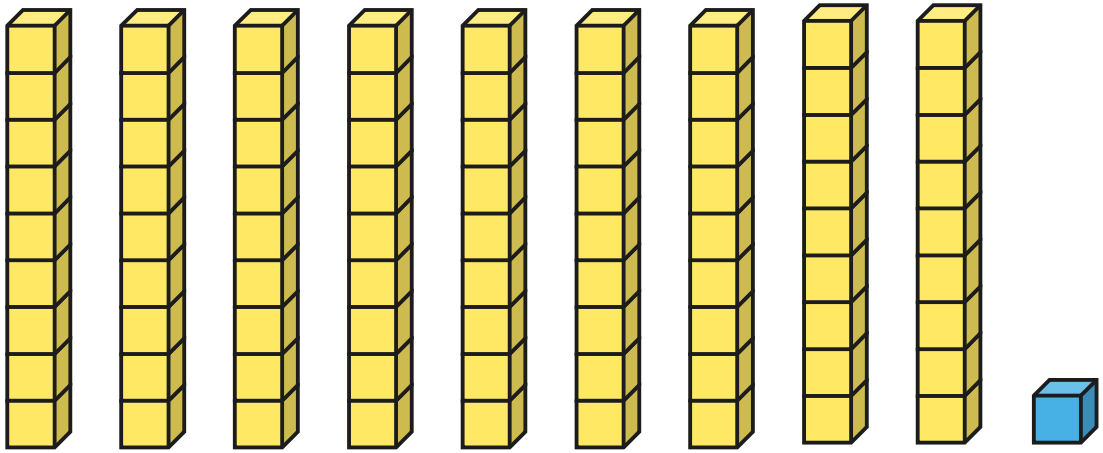
7 tens

7 ones

77

See It, Write It!

Can you write the numeral?



9 tens

1 ones

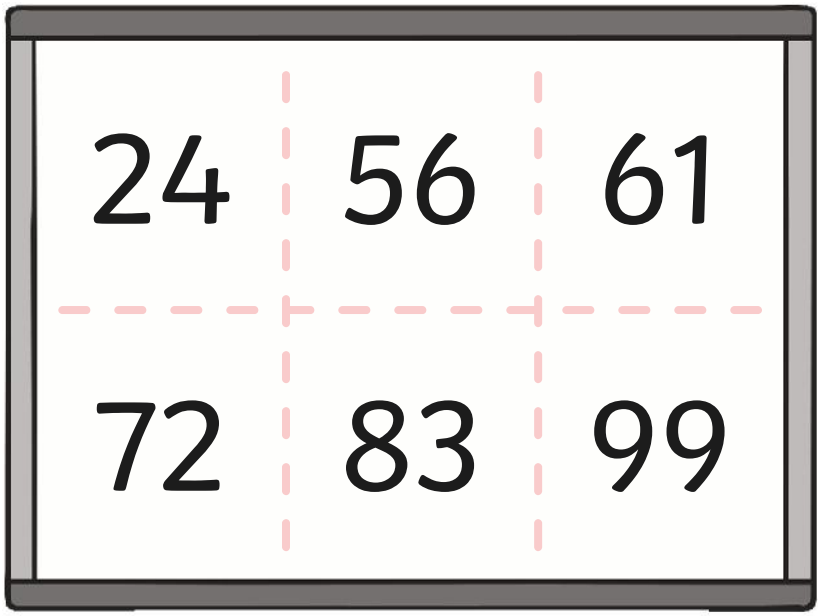
91

Bingo

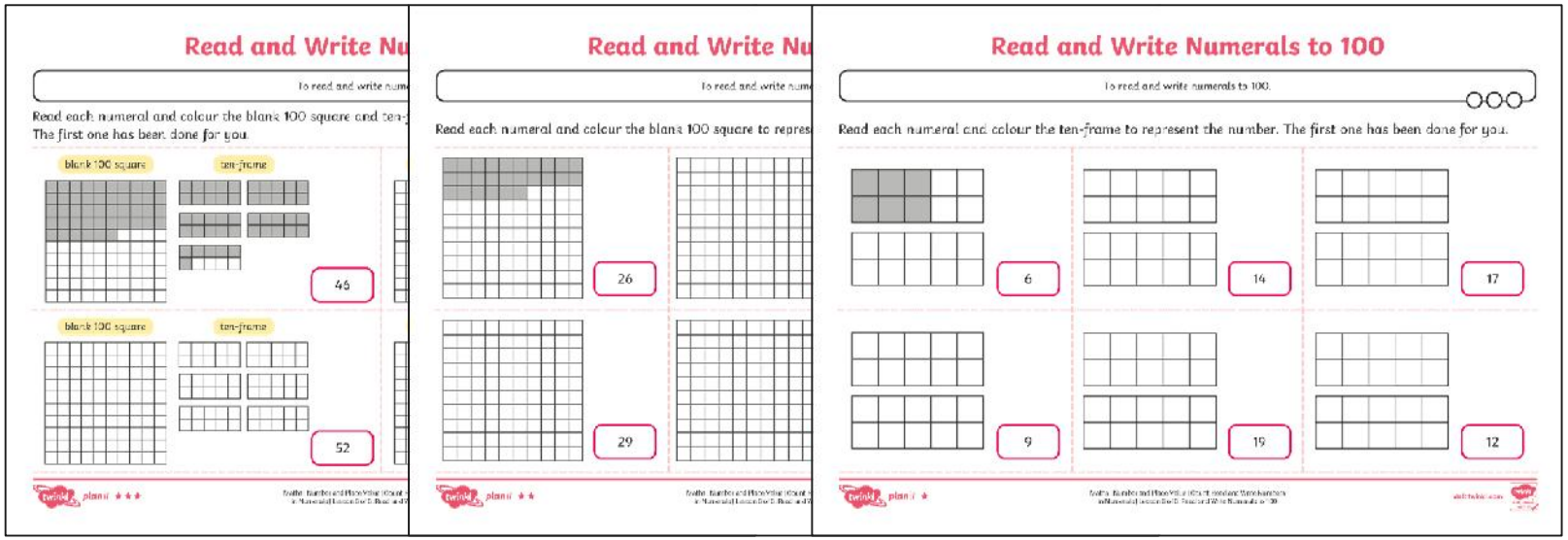
Write 6 numerals on your whiteboard.

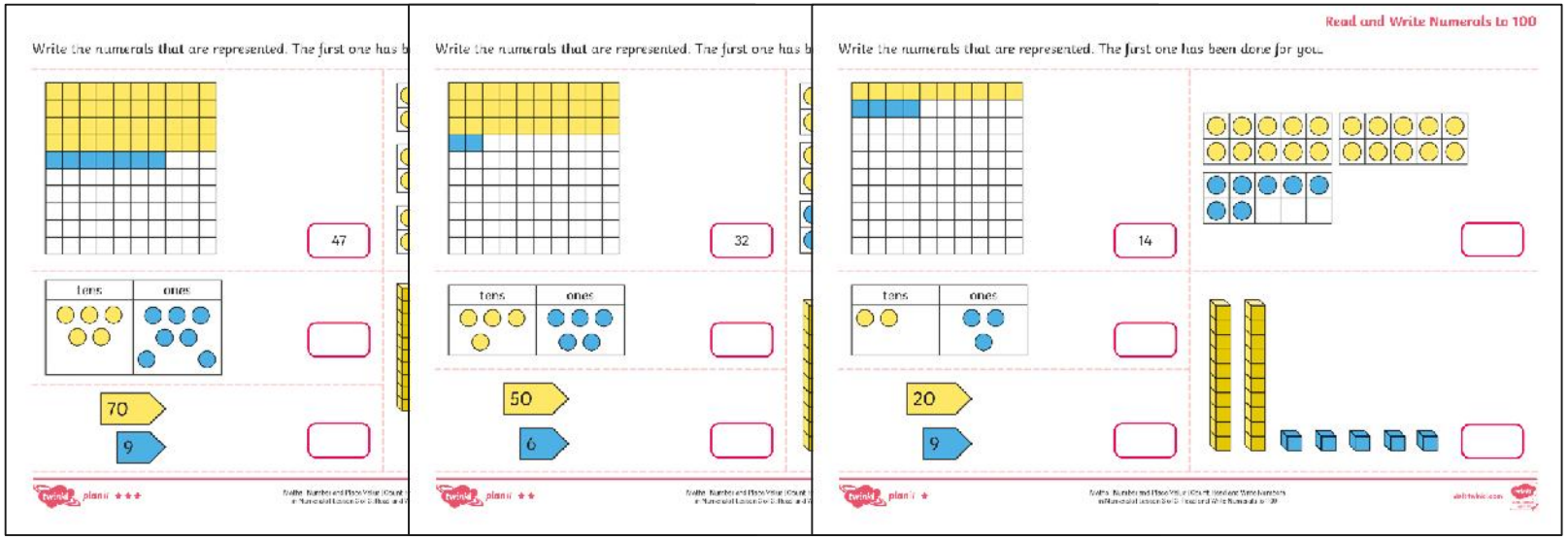
Listen for your numbers.
If you hear your number, cross it off your board.

When you have crossed off all the numbers on your board, shout '**BINGO!**'



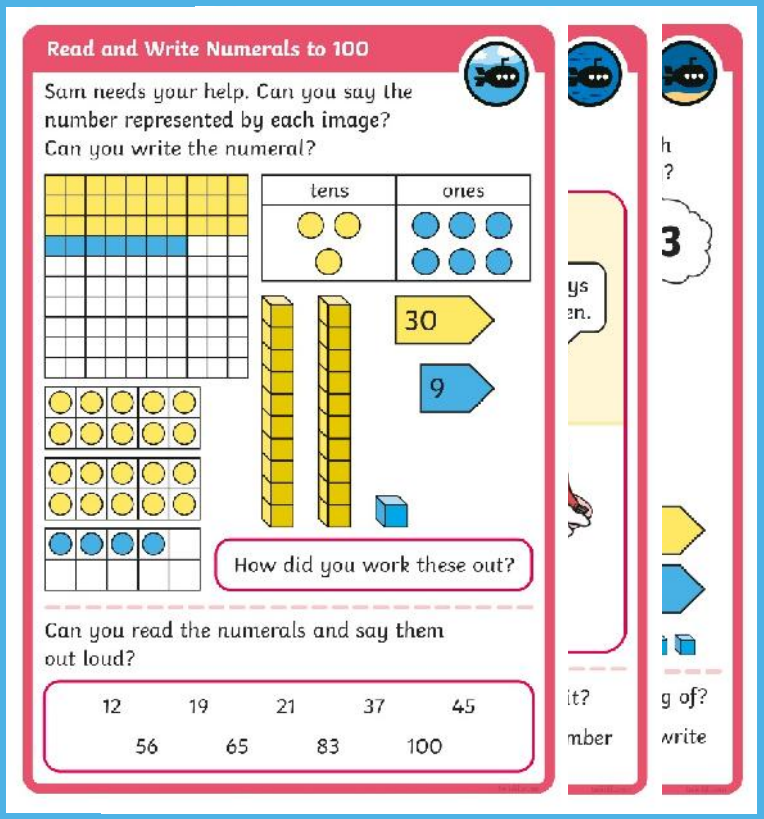
Read and Write Numerals to 100





Diving into Mastery

Dive in by completing your own activity!



Aim

- To read and write numerals to 100.

Success Criteria

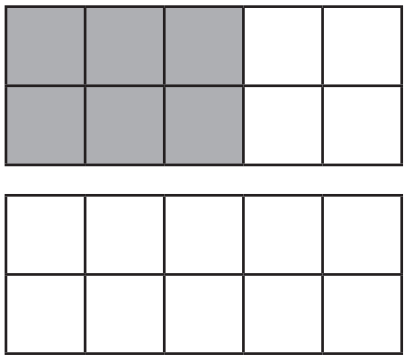
- I can count up to 100.
- I can read numerals to 100.
- I can write numerals to 100.


765.395289873
991 6789 78 096
8 562 853 2234
309 31 238 948
9 5698 435 -31
twinkl
twinkl
Quality Standard
Approved

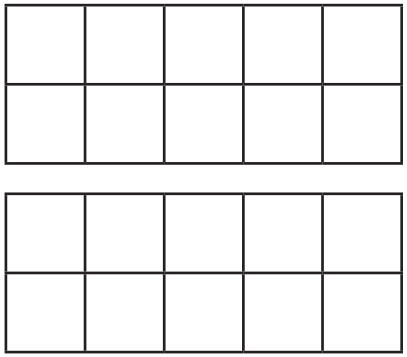
Read and Write Numerals to 100

To read and write numerals to 100.

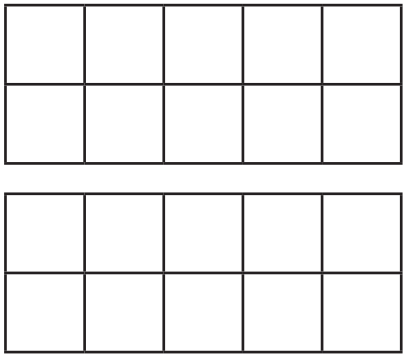
Read each numeral and colour the ten-frame to represent the number. The first one has been done for you.



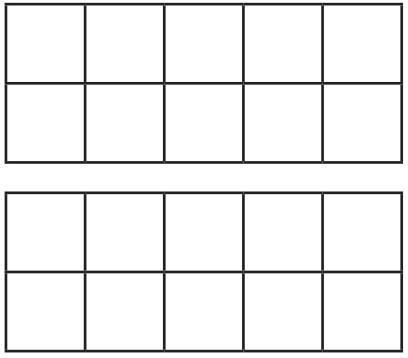
6



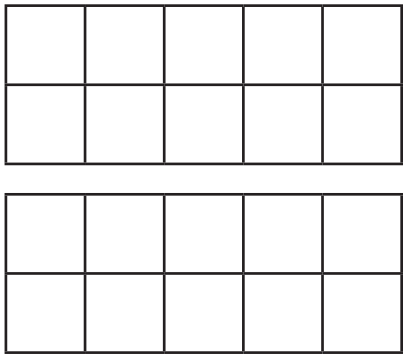
14



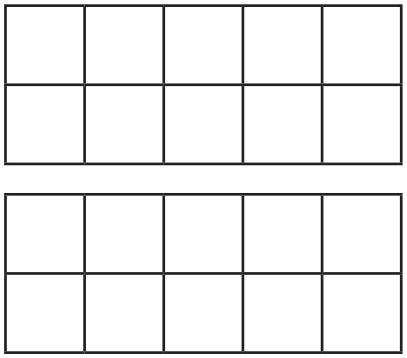
17



9

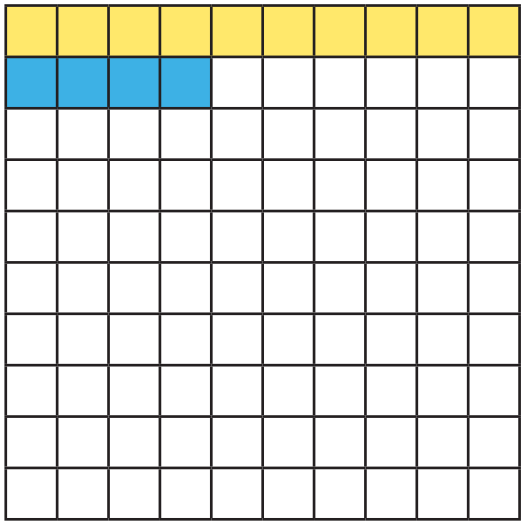


19

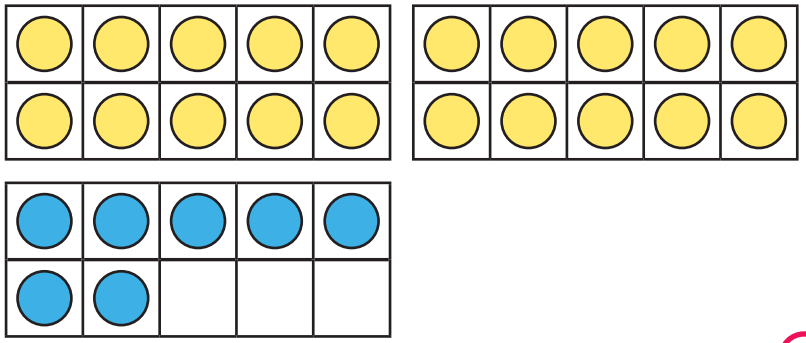


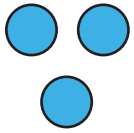
12

Write the numerals that are represented. The first one has been done for you.



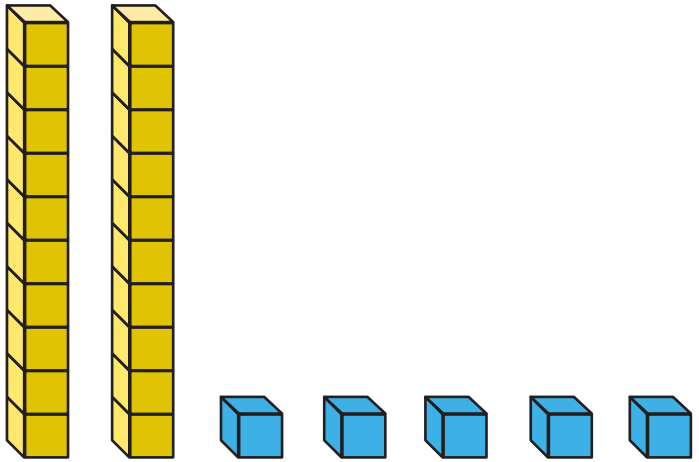
14



tens	ones
	

20

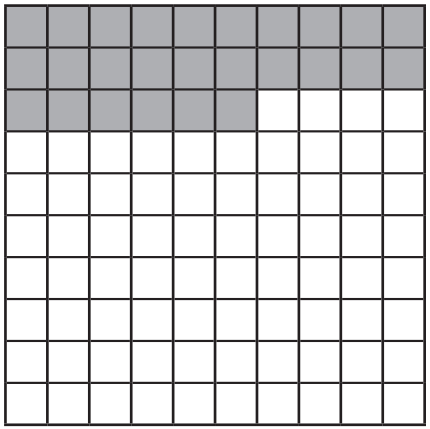
9



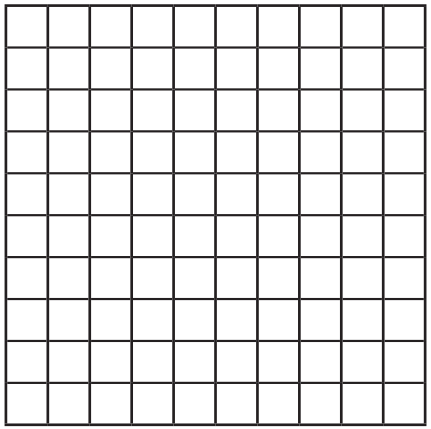
Read and Write Numerals to 100

To read and write numerals to 100.

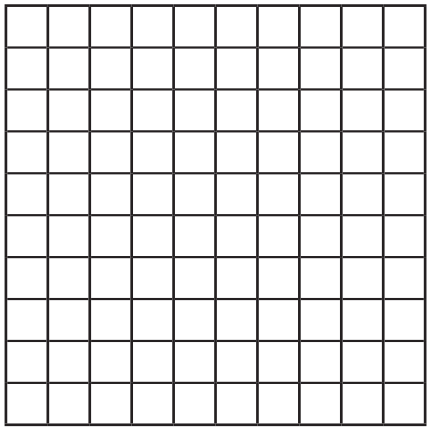
Read each numeral and colour the blank 100 square to represent the number. The first one has been done for you.



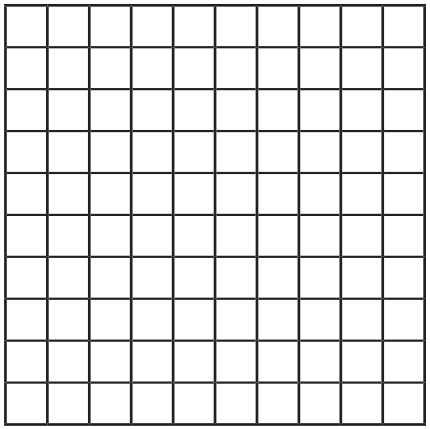
26



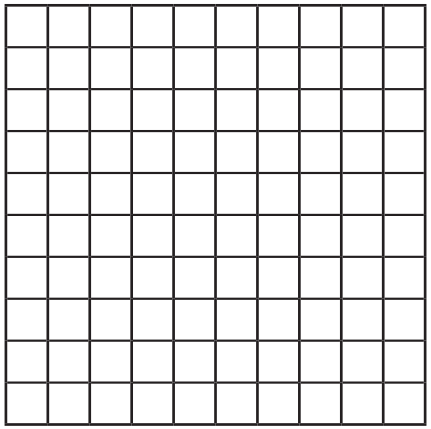
45



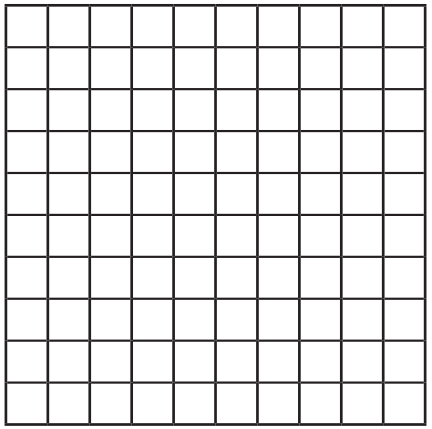
61



29

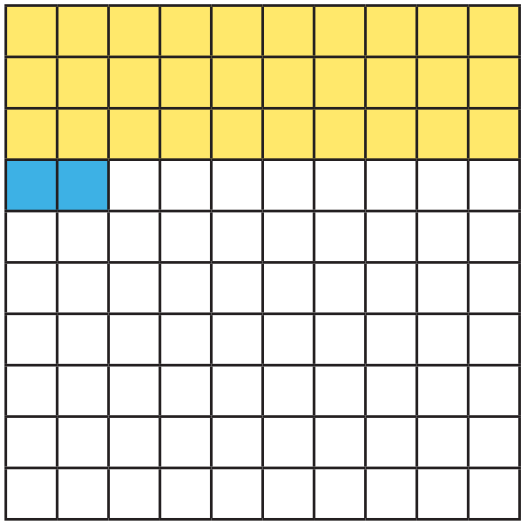


37

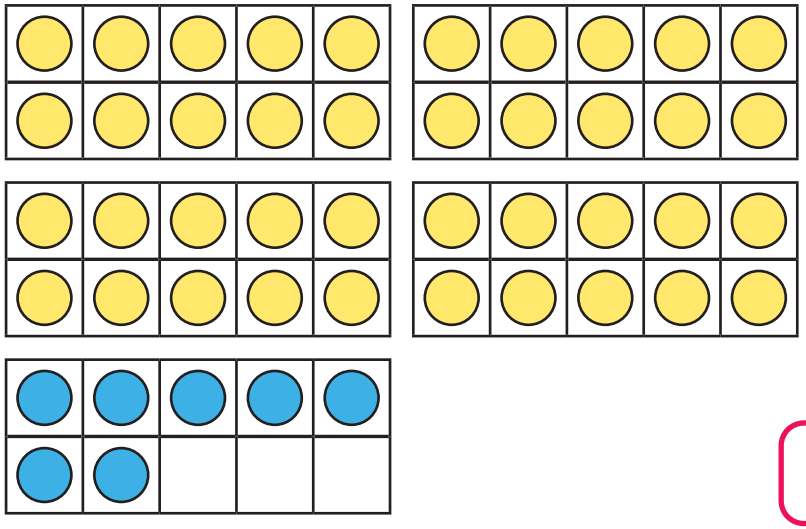


44

Write the numerals that are represented. The first one has been done for you.



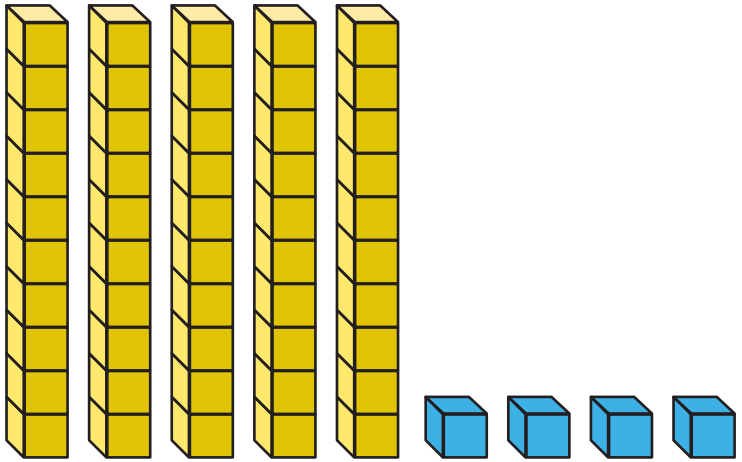
32



tens	ones
● ● ● ●	● ● ● ● ●

50

6

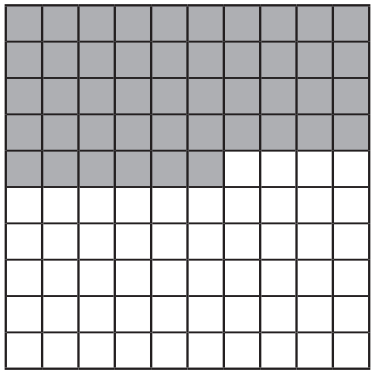


Read and Write Numerals to 100

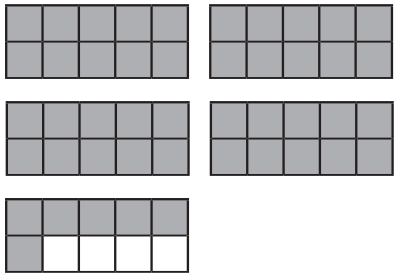
To read and write numerals to 100.

Read each numeral and colour the blank 100 square and ten-frame to represent the number.
The first one has been done for you.

blank 100 square

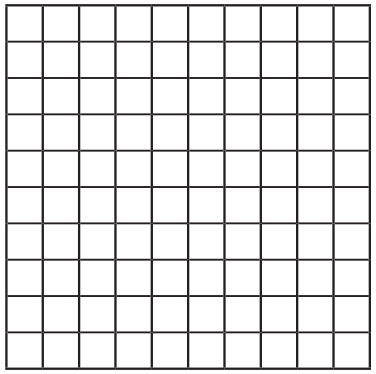


ten-frame

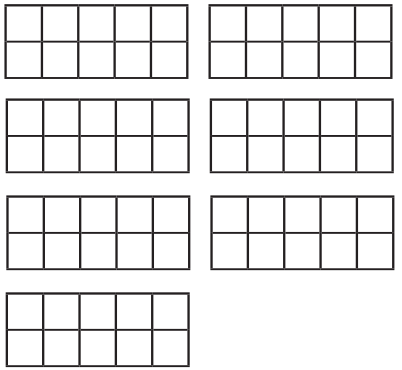


46

blank 100 square

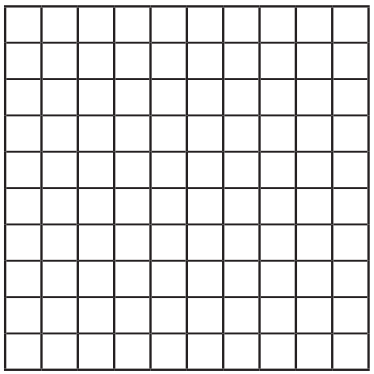


ten-frame

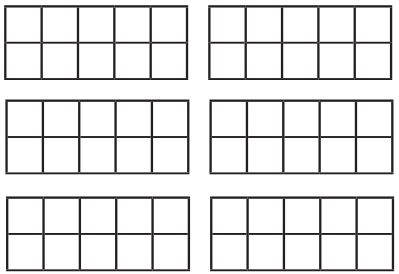


68

blank 100 square

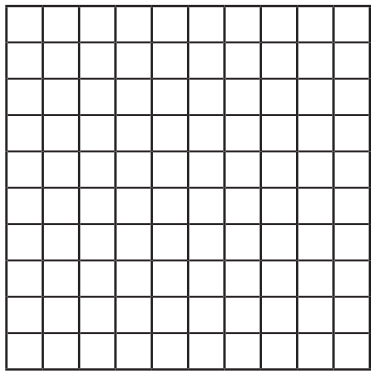


ten-frame

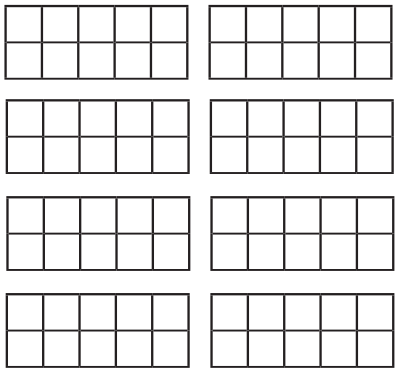


52

blank 100 square

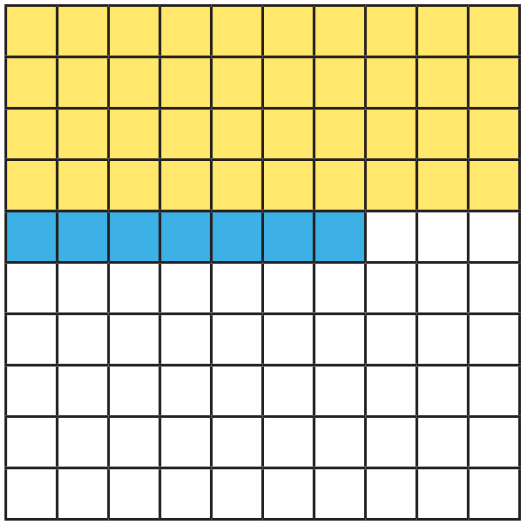


ten-frame

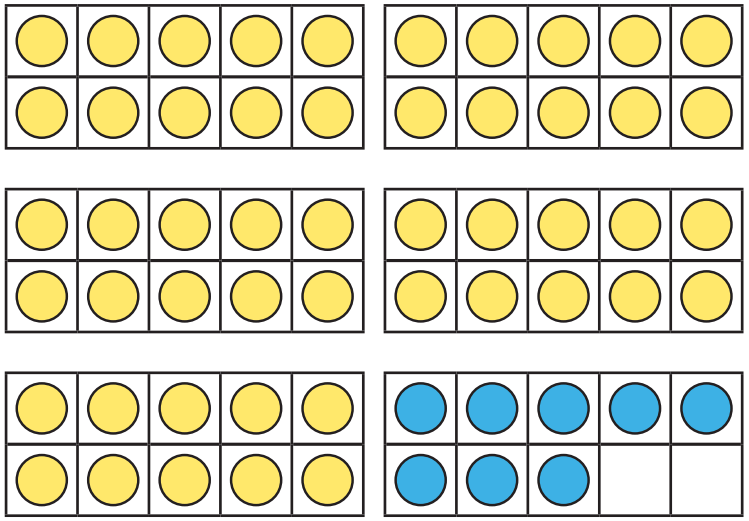


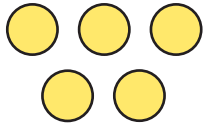
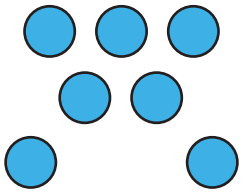
75

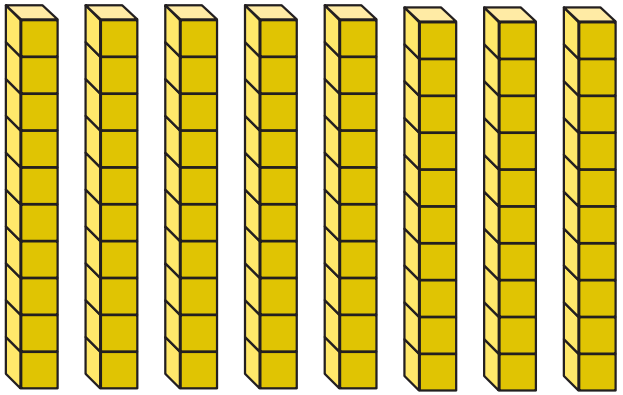
Write the numerals that are represented. The first one has been done for you.



47



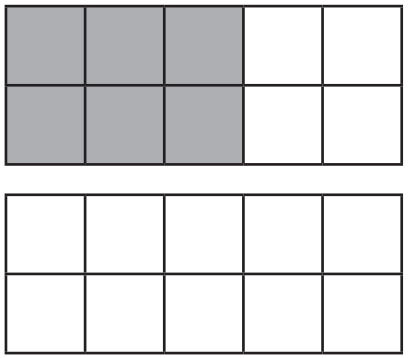
tens	ones
	



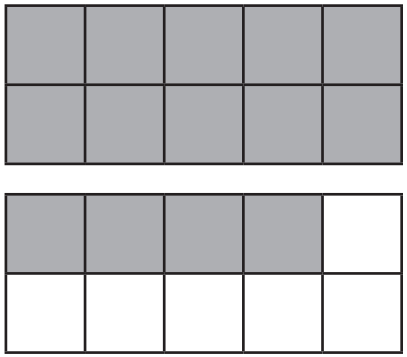
70

9

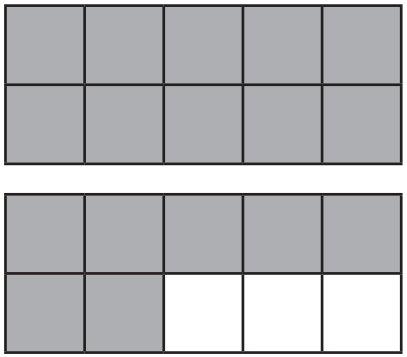
Read and Write Numerals to 100 **Answers**



6



14



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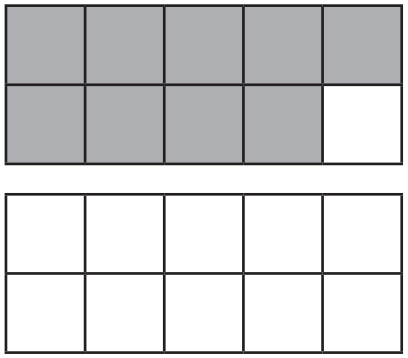
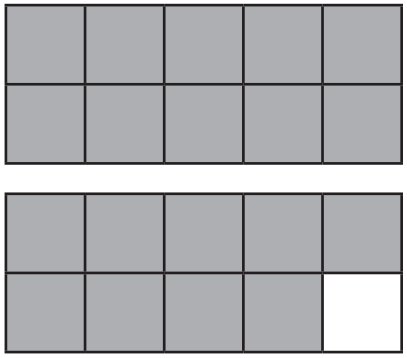
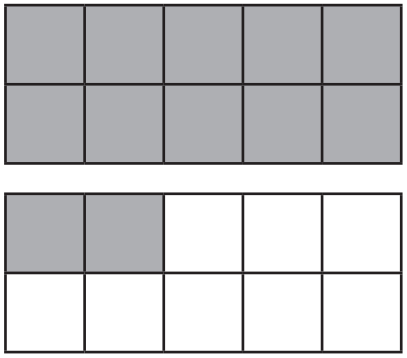


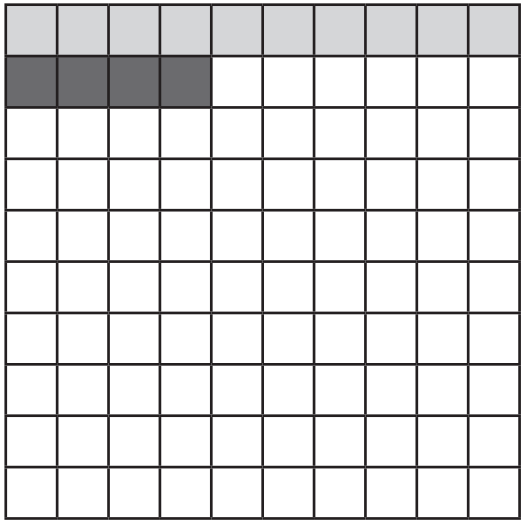
9



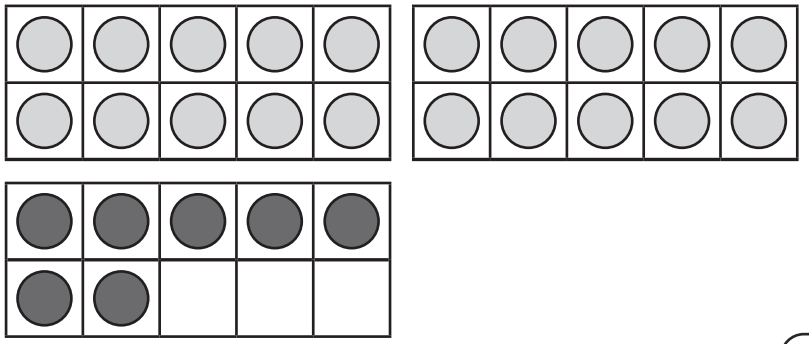
19



12



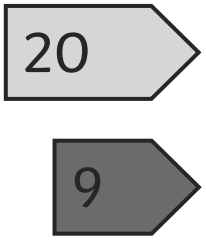
14



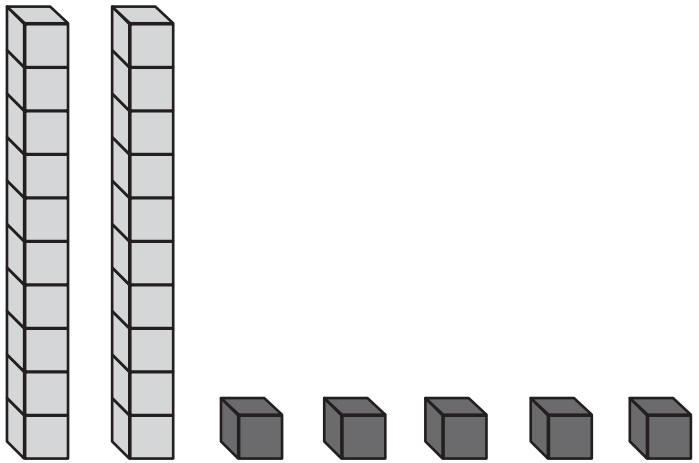
27

tens	ones
● ●	● ● ●

23

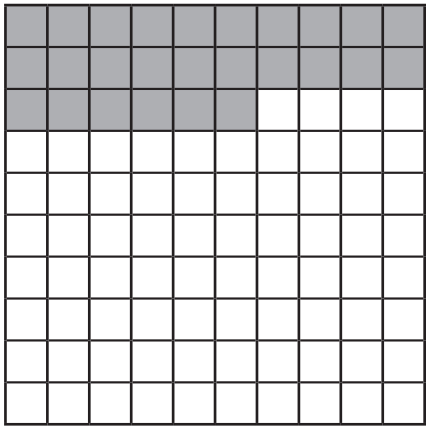


29

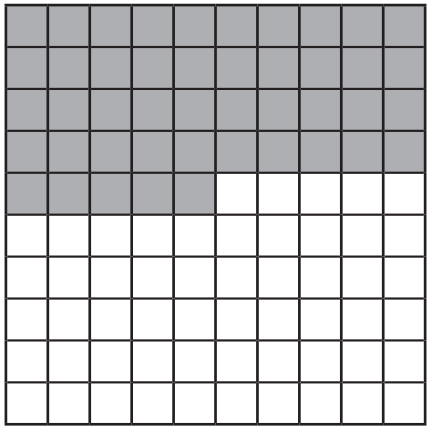


25

Read and Write Numerals to 100 **Answers**



26



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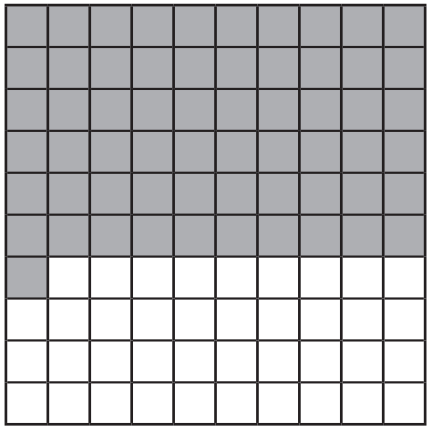

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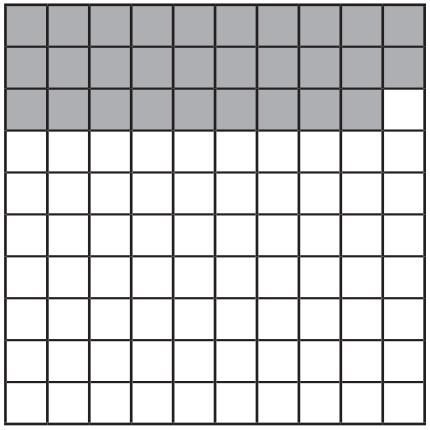

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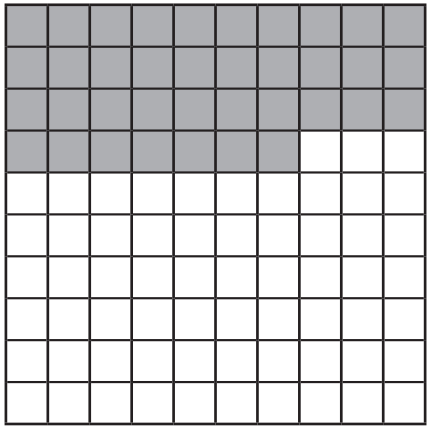

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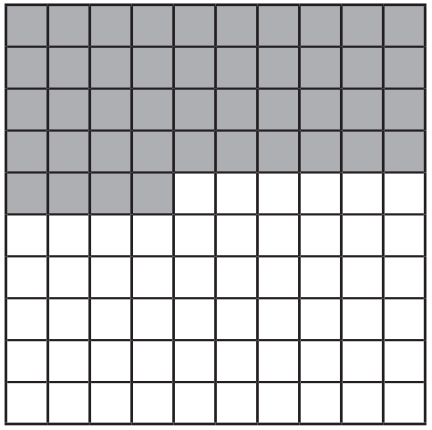

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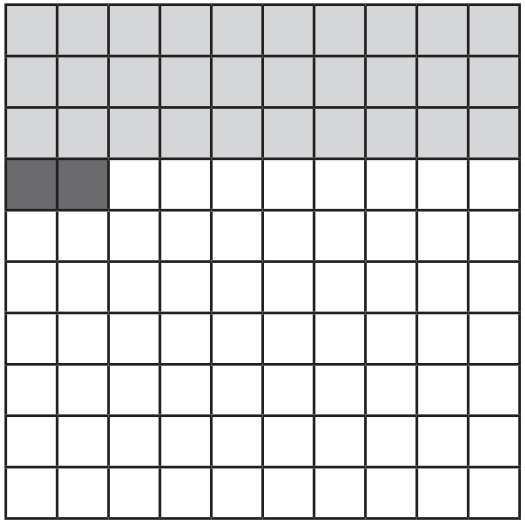

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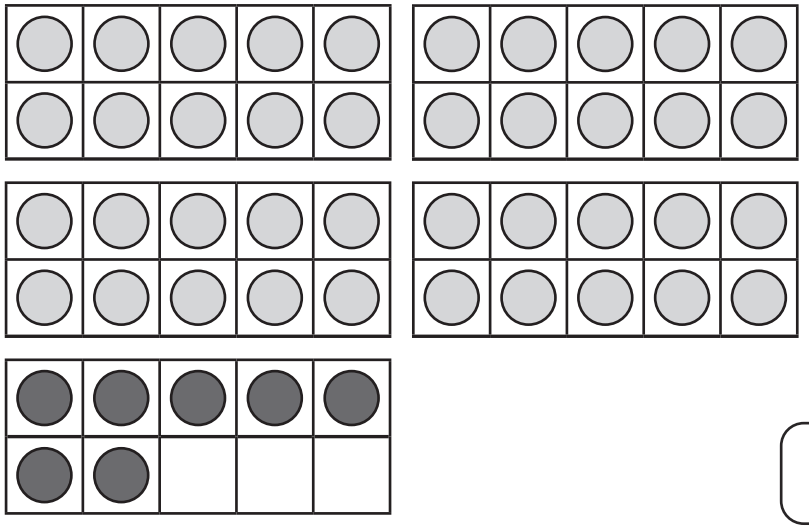

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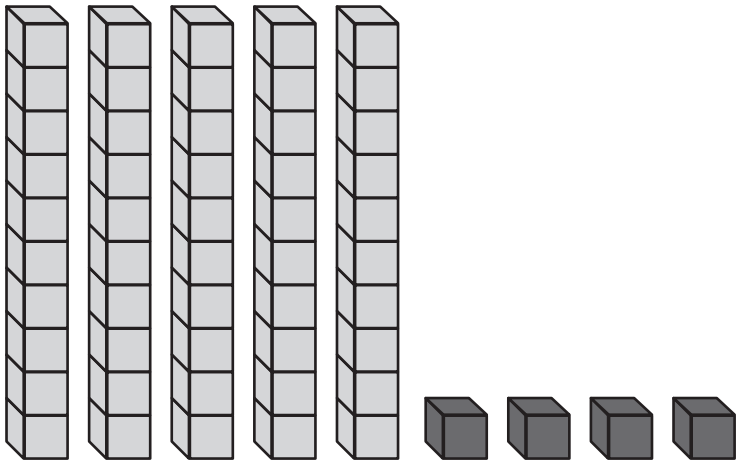

54

Read and Write Numerals to 100 **Answers**

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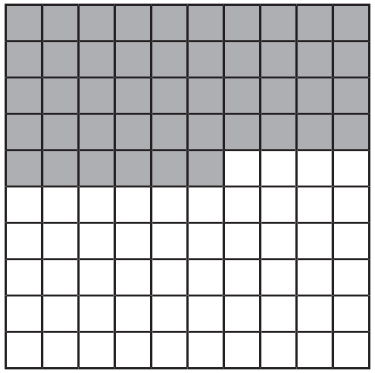

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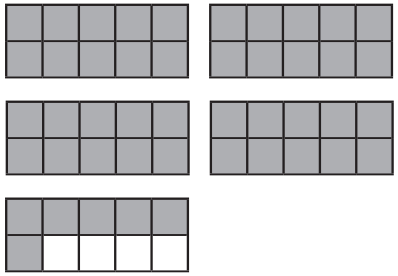

46

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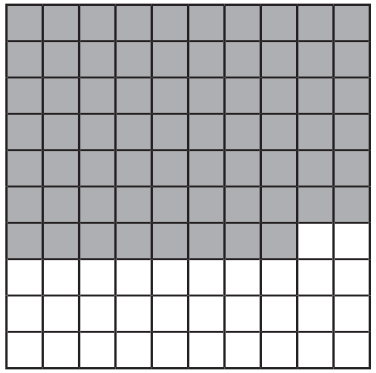

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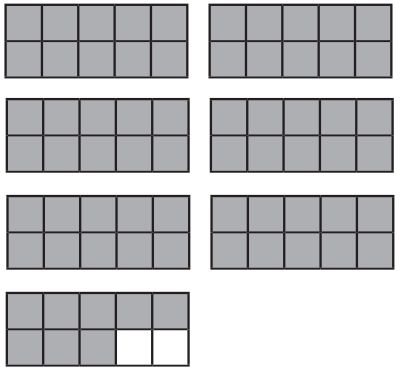

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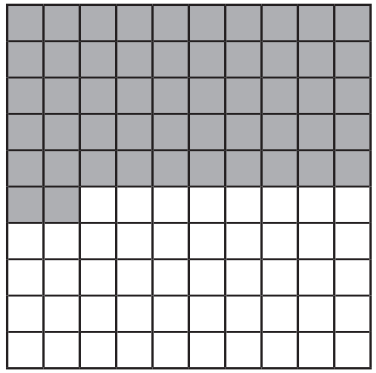

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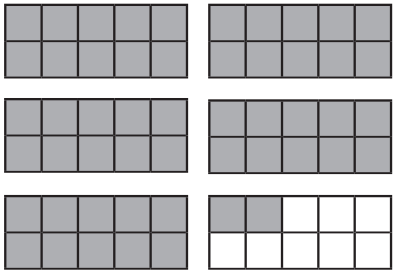

52

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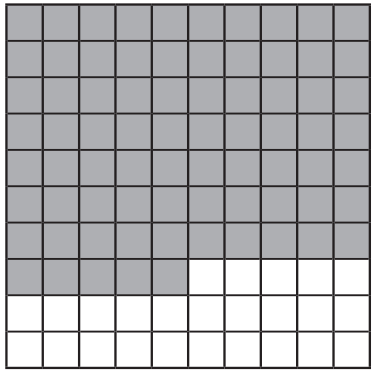

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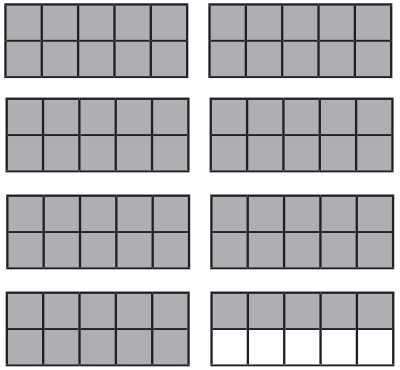

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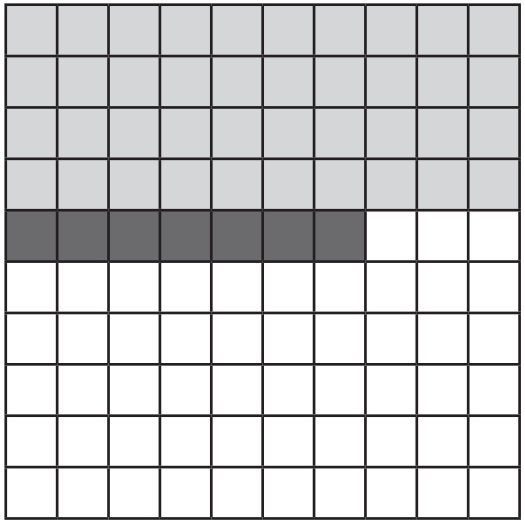

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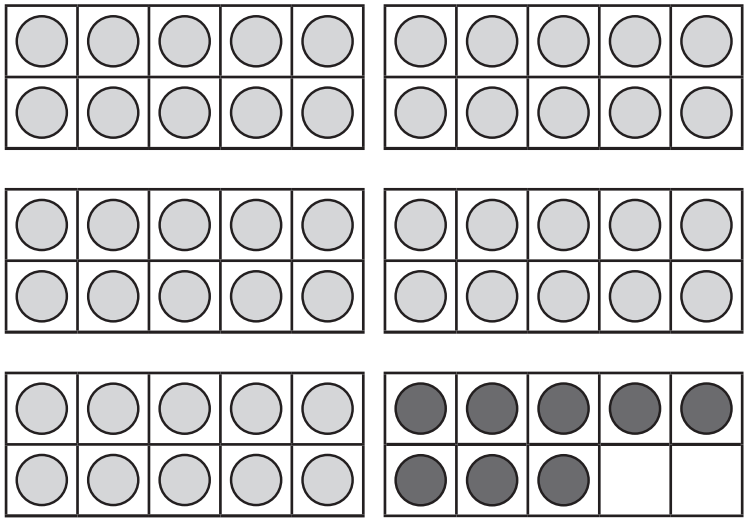

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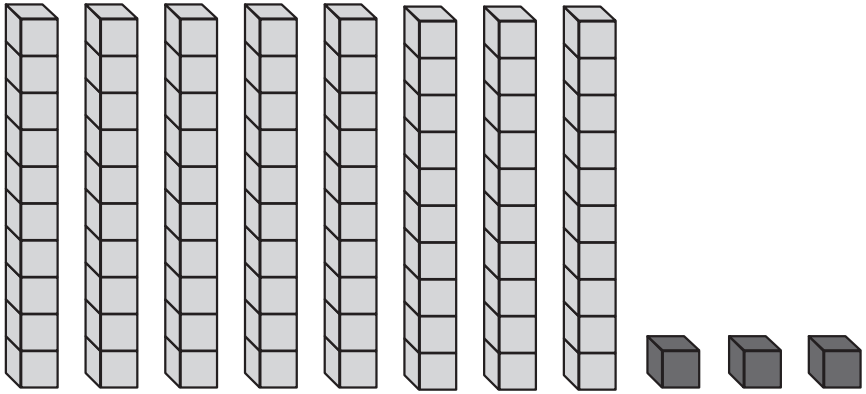

83

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9

79

Number and Place Value | Read and Write Numerals to 100

To read and write numerals to 100.		
I can count up to 100.		
I can read numerals to 100.		
I can write numerals to 100.		

Number and Place Value | Read and Write Numerals to 100

To read and write numerals to 100.		
I can count up to 100.		
I can read numerals to 100.		
I can write numerals to 100.		

Number and Place Value | Read and Write Numerals to 100

To read and write numerals to 100.		
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I can read numerals to 100.		
I can write numerals to 100.		

Number and Place Value | Read and Write Numerals to 100

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Number and Place Value | Read and Write Numerals to 100

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