

# Number and Place Value:








## Reading and Writing Numbers to 50

<p><b>Aim:</b> Read and write numbers to at least 100 in numerals and in words.</p> <p>To read and write numbers to 50 in numerals and words.</p>	<p><b>Success Criteria:</b> I can read numbers to 50 in numerals. I can write numbers to 50 in numerals. I can read numbers to 50 in words. I can write numbers to 50 in words.</p>	<p><b>Resources:</b> Lesson Pack</p> <p>Whiteboard and pens - class set Base ten equipment - as required</p>
	<p><b>Key/New Words:</b> Numbers 0-50, forwards, back, zero, teen, two-digit, read, write, numeral, word, tens, ones.</p>	<p><b>Preparation:</b> Reading and Writing Numbers to 50 Activity Sheet – one per child Writing Numbers to 50 Spinner – as required Numbers as Words Word Mat – as required Numerals and Words Matching Cards 0-50 – set per pair Diving into Mastery Activity Sheets - as required</p>

**Prior Learning:** It will be helpful if children can read and write numbers up to 20 in numerals and words. This is covered in [year 1](#).

### Learning Sequence

	<p><b>Remember It:</b> Look at the nine squares on the <a href="#">Lesson Presentation</a>. Click on one square to reveal part of a number in numerals or words. Ask the children, 'What number do you think is hiding here? What do you see? How do you know?' Children write their answers on a whiteboard. Review responses and encourage children to explain their reasoning. Continue to click different squares to reveal other parts of the number or word. Reveal all when there is consensus among the whole class. Repeat activity with a range of numbers.</p>	
	<p><b>Number Words:</b> Count to 50 using a number grid on the <a href="#">Lesson Presentation</a>. Read the information on the <a href="#">Lesson Presentation</a> to explain the relationship between numbers as numerals and as words. As a class, read through the numbers in numerals and words to 50. <b>Can the children read numbers to 50 in numerals? Can they read numbers to 50 in words?</b> Next, display the number sequences, asking children to write the number that comes next in words on their whiteboards. <b>Can the children write numbers to 50 in words?</b></p>	
	<p><b>Match It!</b> Children work in pairs with the <a href="#">Numerals and Words Matching Cards 0-50</a>. Children shuffle the cards and turn them face down. They then select a card at random and write the matching numeral or word on their whiteboards. <b>Can the children write numbers to 50 in numerals? Can they write numbers to 50 in words?</b></p>	
	<p><b>Reading and Writing Numbers:</b> Children complete the differentiated <a href="#">Reading and Writing Numbers to 50 Activity Sheet</a>, filling in missing information in a table showing numbers as numerals, as words and as base ten equipment.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Children fill in one or two fields of missing information. Children could use the <a href="#">Numbers as Words Word Mat</a> for support if required. Base ten equipment could also be used for support.</p> </div> <div style="text-align: center;"> <p>Children fill in one or two fields of missing information.</p> </div> <div style="text-align: center;"> <p>Children fill in two fields of missing information.</p> </div> </div>	

	<p><b>Diving into Mastery:</b> 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.</p> <p> Children will practise counting the flowers then writing the numbers in numerals and words.</p> <p> Children will use their reasoning to express whether numerals, words and representations have been matched correctly.</p> <p> Children will use their understanding of place value to create numbers with a specific criteria and then write these numbers both in numerals and words.</p>	
	<p><b>Spinner Time:</b> Children work in pairs with the <a href="#">Writing Numbers to 50 Spinner</a>, playing the game as explained on the <a href="#">Lesson Presentation</a>.</p>	

### Exploreit

- Guessit:** Children work in pairs to play a guessing game. One child starts by turning their back on their partner. The other child must think of a number between 1 and 50 and write the number with their finger on their partner's back. The partner must guess the number. If they guess correctly, they take their turn to write a number.
- Writeit:** Provide opportunities for children to write numbers in numerals and words in sensory materials such as shaving foam, sand, playdough, salt, squishy bags, etc.
- Rollit:** Roll a dice. Children have ten seconds to write down, in words, as many numbers that contain that digit. The child with the most answers wins a point.
- Learntit:** Children will find this visually exciting [Knowledge Organiser](#) useful tool for supporting their understanding of number and place value.

Aim: To read and write numbers to 50 in numerals and words.				Date:					
				Delivered By:			Support:		
Success Criteria	Me	Friend	Teacher	T	PPA	S	I	AL	GP
I can read numbers to 50 in numerals.				Notes/Evidence					
I can write numbers to 50 in numerals.									
I can read numbers to 50 in words.									
I can write numbers to 50 in words.									
Next Steps									
) _____									
) _____									

<b>T</b>	Teacher	<b>I</b>	Independent
<b>PPA</b>	Planning, Preparation and Assessment	<b>AL</b>	Adult Led
<b>S</b>	Supply	<b>GP</b>	Guided Practice

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I can read numbers to 50 in numerals.				Notes/Evidence					
I can write numbers to 50 in numerals.									
I can read numbers to 50 in words.									
I can write numbers to 50 in words.									
Next Steps									
) _____									
) _____									

<b>T</b>	Teacher	<b>I</b>	Independent
<b>PPA</b>	Planning, Preparation and Assessment	<b>AL</b>	Adult Led
<b>S</b>	Supply	<b>GP</b>	Guided Practice

# Maths

## Number and Place Value

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

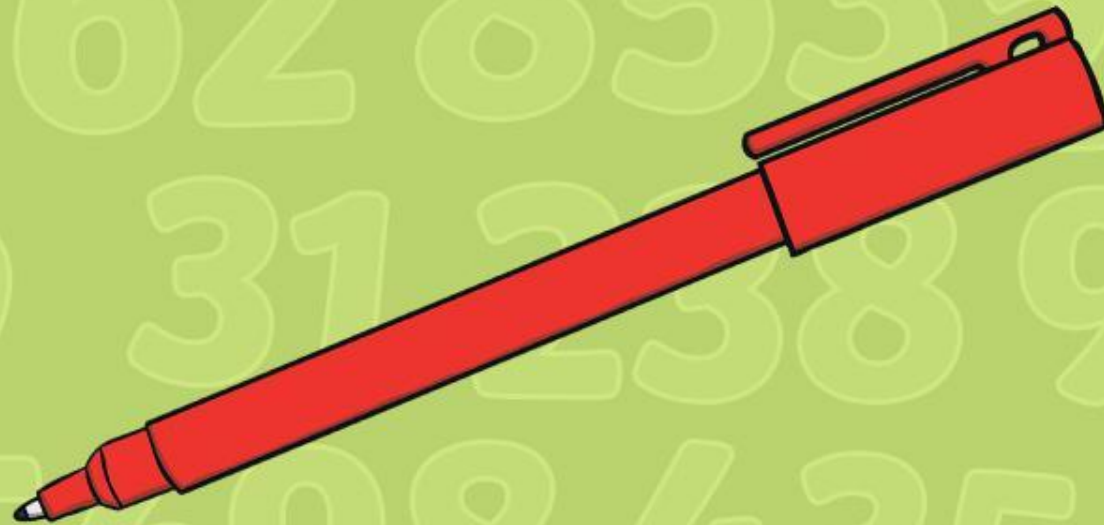
The collage features several documents from the White Rose Maths scheme:

- Lesson Breakdowns:** A document detailing lesson plans for 'Read and Write Numbers (1): Reading and Writing Numbers to 50', 'Read and Write Numbers (2): Reading and Writing Numbers to 100', and 'Recognise Place Value (1): Tens and Ones'. Each section includes a description of the lesson, a 'NC Statement', and 'Lesson Aims'.
- Introduction:** A document explaining the scheme's aim to provide a coherent and progressive sequence of learning, with resources available in both English and Urdu.
- Yearly Overview:** A grid showing the progression of topics across 12 weeks. Topics include Number: Place Value, Number: Addition and Subtraction, Measurement: Money, Number: Multiplication and Division, Number: Multiplication and Division, Statistics, Geometry: Properties of Shape, Number: Fractions, Measurement: Length and Weight, Consolidation, Position and Direction, Problem Solving and Efficient Methods, Measurement: Time, Measurement: Mass, Capacity and Temperature, and Investigations.

See our [Number and Place Value Steps to Progression](#) document.



# Reading and Writing Numbers to 50



## **Aim**

- To read and write numbers to 50 in numerals and words.

## **Success Criteria**

- I can read numbers to 50 in numerals.
- I can write numbers to 50 in numerals.
- I can read numbers to 50 in words.
- I can write numbers to 50 in words.



# Remember It



What number is hiding? How do you know?

Click on the squares to reveal the word behind.

Reveal  
All





# Remember It



What number is hiding? How do you know?

Click on the squares to reveal the word behind.

Reveal  
All



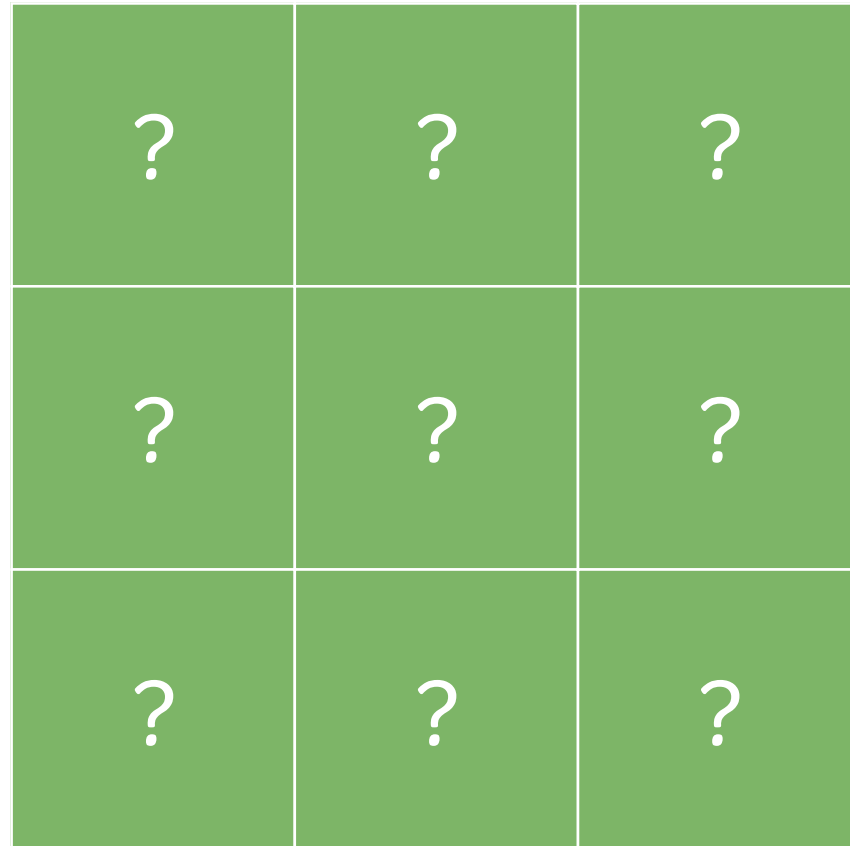
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What number is hiding? How do you know?

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What number is hiding? How do you know?

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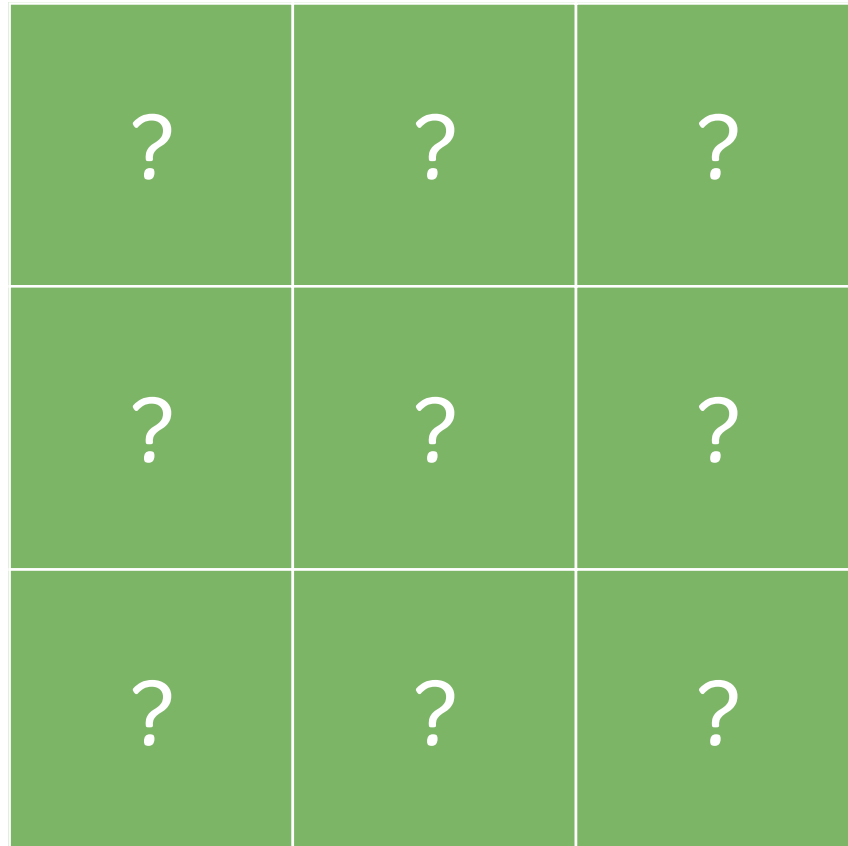
# Remember It



What number is hiding? How do you know?

Click on the squares to reveal the word behind.

Reveal  
All



# Remember It



What number is hiding? How do you know?

Click on the squares to reveal the hidden value.

Reveal  
All/  
Answer

?	?	?
?	?	?
?	?	?

# Remember It



What number is hiding? How do you know?

Click on the squares to reveal the hidden value.

Reveal  
All/  
Answer

?	?	?
?	?	?
?	?	?

# Remember It



What number is hiding? How do you know?

Click on the squares to reveal the hidden value.

Reveal  
All/  
Answer

?	?	?
?	?	?
?	?	?



# Remember It



What number is hiding? How do you know?

Click on the squares to reveal the hidden value.

Reveal  
All/  
Answer

?	?	?
?	?	?
?	?	?

# Number Words



Let's count up to 50.

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

# Number Words

Usually, we read numbers like this.

These symbols are called 'numerals'.

22 0 22 3 44  
12 7 50 48 29  
86 34 16 25  
99 100 70 66

# Number Words

We can also read and write numbers in words.

twenty-two

zero

forty-four

twelve

twenty-two

three

seven

fifty

forty-eight

twenty-nine

thirty-four

sixteen

# Number Words

The matching numerals and words mean the same thing.  
They have the same value.

forty-six means the same as 46

five = 5

fifteen equals one ten and five ones

fifty-two is equal to 52

25 = twenty-five

39 is the same as thirty-nine

# Number Words



Can you read these numerals and words?

1  
one

6  
six

2  
two

7  
seven

3  
three

8  
eight

4  
four

9  
nine

5  
five

10  
ten

# Number Words



Can you read these numerals and words?

11  
eleven

16  
sixteen

12  
twelve

17  
seventeen

13  
thirteen

18  
eighteen

14  
fourteen

19  
nineteen

15  
fifteen

20  
twenty



# Number Words



Can you read these numerals and words?

21  
twenty-one

22  
twenty-two

23  
twenty-three

24  
twenty-four

25  
twenty-five

26  
twenty-six

27  
twenty-seven

28  
twenty-eight

29  
twenty-nine

30  
thirty

# Number Words



Can you read these numerals and words?

31  
thirty-one

36  
thirty-six

32  
thirty-two

37  
thirty-seven

33  
thirty-three

38  
thirty-eight

34  
thirty-four

39  
thirty-nine

35  
thirty-five

40  
forty

# Number Words



Can you read these numerals and words?

41  
forty-one

46  
forty-six

42  
forty-two

47  
forty-seven

43  
forty-three

48  
forty-eight

44  
forty-four

49  
forty-nine

45  
forty-five

50  
fifty

# Number Words



Can you write numbers as words?

What number comes next?

twenty, twenty-one, twenty-two...

twenty-three

# Number Words



Can you write numbers as words?

What number comes next?

thirty-four, thirty-five, ...

thirty-six

# Number Words



Can you write numbers as words?

What number comes next?

forty-seven, forty-eight

forty-nine

# Match It!



Work in pairs. Choose a card. Write the matching numeral or word on your whiteboards.

How many matches can you make?

**forty-eight**

**forty-nine**

**fifty**

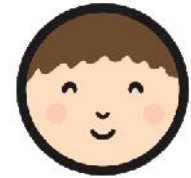
**0**

**1**

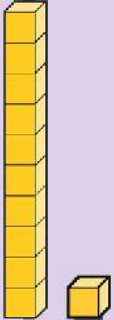
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# Reading and Writing Numbers



Can you read and write numbers in numerals and words?

Numerals	Number in Words	Base Ten Blocks
31	thirty-one	

When drawing base ten blocks, we can just draw lines and squares.

# Reading and Writing Numbers



Can you read and write numbers in numerals and words?

Numerals	Number in Words	Base Ten Blocks
46	forty-six	
29	twenty-nine	
14	fourteen	

# Reading and Writing Numbers



Can you read and write numbers in numerals and words?

## Reading and Writing Numbers to 50

To read and write numbers to 50 in numerals and words.

Can you fill in the missing boxes for each of the numbers below?  
The first one has been done for you.

Numerals	Number in Words	Base Ten Blocks
22	twenty-two	
18		
	forty-four	
28		
	thirty-seven	
38		
49		

**Challenge:** Think of your own number and complete all the columns.

--	--	--

Write the number in the space next to the number.  
Look at the base ten blocks and write the words.

## Reading and Writing Numbers to 50

To read and write numbers to 50 in numerals and words.

Can you fill in the missing boxes for each of the numbers below?  
The first one has been done for you.

Numerals	Number in Words	Base Ten Blocks
23	twenty-three	
16	sixteen	
38		
	forty-six	
44		
22	twenty-two	

**Challenge:**

--	--	--

Write the number in the space next to the number.  
Look at the base ten blocks and write the words.

## Reading and Writing Numbers to 50

To read and write numbers to 50 in numerals and words.

Can you fill in the missing boxes for each of the numbers below?  
The first one has been done for you.

Numerals	Number in Words	Base Ten Blocks
20	twenty	
30		
	thirty	
	fifteen	
19		
6	forty-six	
	thirty-one	
4		
8		

**Challenge:**

9		
---	--	--

Write the number in the space next to the number.  
Look at the base ten blocks and write the words.

## Diving into Mastery

Dive in by completing your own activity!



**Reading and Writing Numbers to 50**

Count and write the number of flowers in the garden in numerals and words.

Numerals			
Words			

Numerals			
Words			

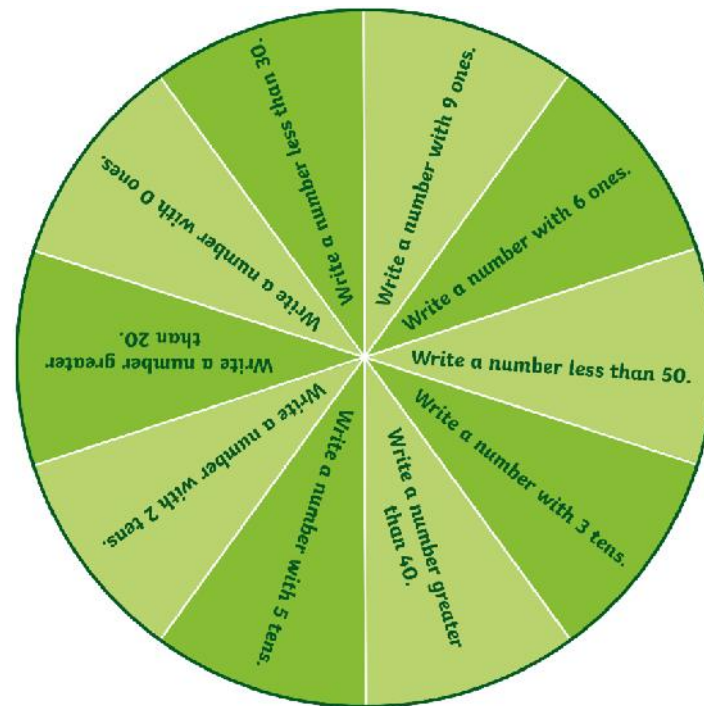
Can you write any other number words to fifty?

in  
en  
y  
en  
ive  
en  
ine

# Spinner Time



- Work in pairs. Take it in turns to spin the spinner.
- Look at the instructions on the spinner and write your answer on a whiteboard.
- You must try to guess if your partner is going to answer in numerals or words and do the opposite!
- Once you have written your answers, reveal them to each other. If you have both answered in the same format, neither of you gets a point.
- If one of you answered in numerals and one in words, you both get a point.
- Which pair will win the most points?



## Aim

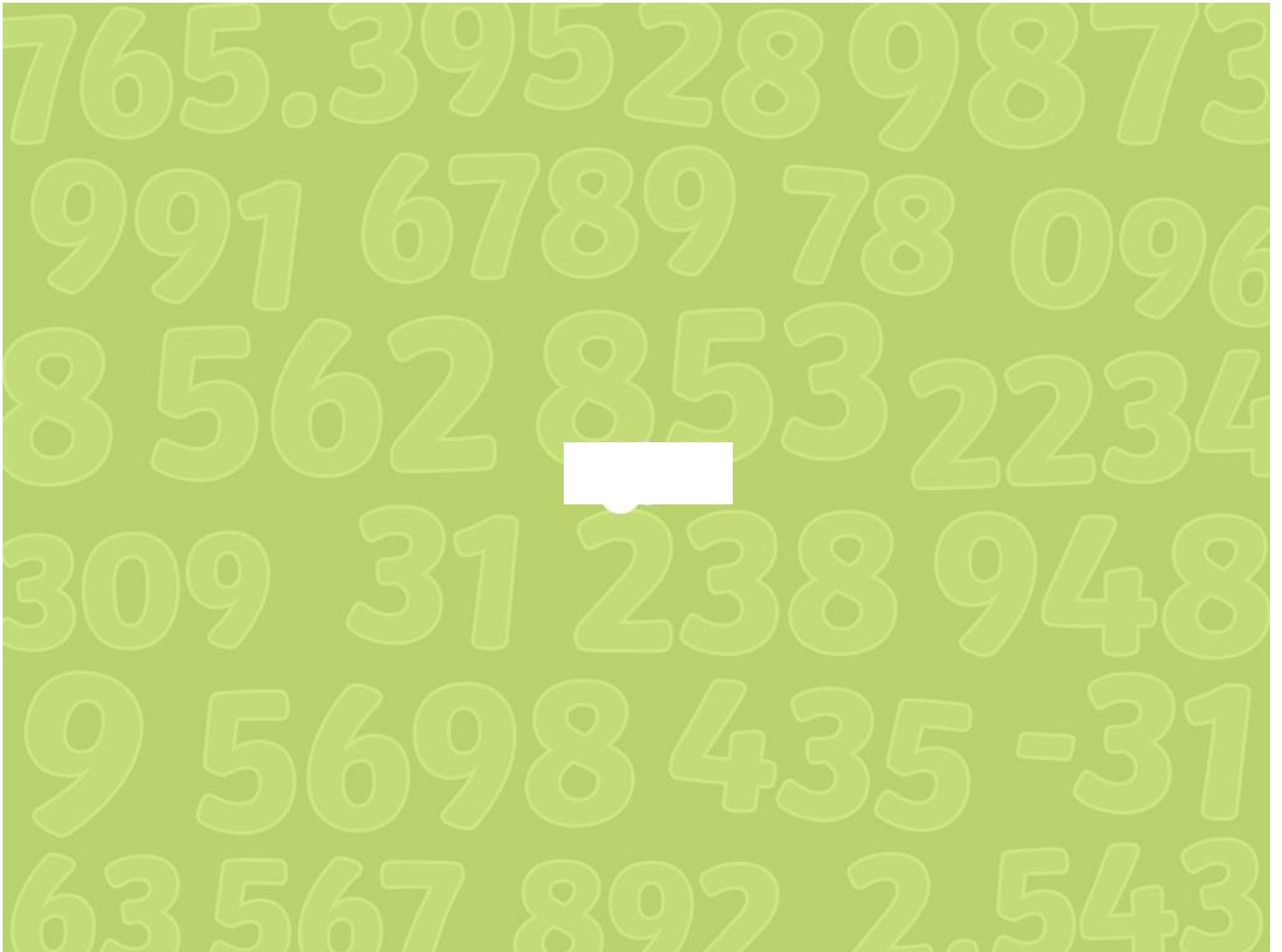


- To read and write numbers to 50 in numerals and words.

## Success Criteria

- I can read numbers to 50 in numerals.
- I can write numbers to 50 in numerals.
- I can read numbers to 50 in words.
- I can write numbers to 50 in words.







# Reading and Writing Numbers to 50

## Adult Guidance with Question Prompts



Children learn to read and write numbers to 50 both in numerals and words. In this activity, children will practise counting the flowers then writing the number in numerals and words.

Can you count the flowers?

Which is the greatest number?

Which numbers do you think are tricky to write in words?

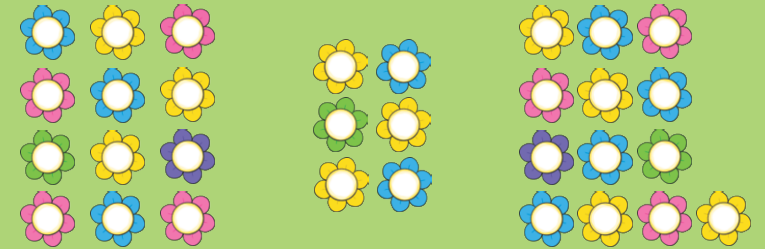
Which numbers do you think are easier to write in words?

What is one more/one less than \_\_\_\_\_?

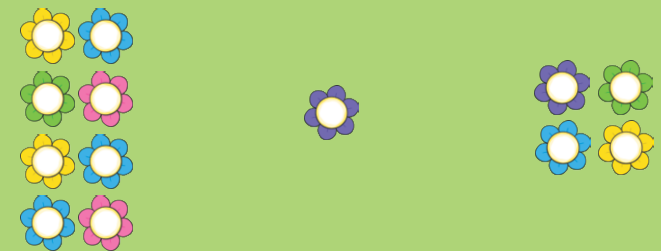
# Reading and Writing Numbers to 50



Count and write the number of flowers in the garden in numerals and words.



Numerals			
Words			



Numerals			
Words			

Can you write any other number words to fifty?

# Reading and Writing Numbers to 50

## Adult Guidance with Question Prompts



Children learn to read and write numbers to 50 both in numerals and words. In this activity, children will use their reasoning to express whether numerals, words and representations have been matched correctly.

Which of Freddy's answers are correct? How do you know?

Which are wrong? How do you know?

What mistakes did Freddy make?

Can you explain his thinking?

Can you correct Freddy's mistakes?

Which numbers do you think are tricky to write in words?

Can you think of a way to help Freddy remember the words that he got wrong?

Which numbers do you think are easier to write in words?

What is one more/one less than \_\_\_\_\_?

Which is the greatest number? Can you explain how you know?

# Reading and Writing Numbers to 50



Freddy says that he has correctly filled in the missing sections of the table. Do you agree? Explain how you know.

Quantity	Numeral	Number in Words
	41	fourteen
	22	two-twenty
	19	nineteen
	305	thirty-five
	40	fourteen
	49	forty-nine

## Reading and Writing Numbers to 50

### Adult Guidance with Question Prompts



Children learn to read and write numbers to 50 both in numerals and words. In this activity, children will use their understanding of place value to create numbers with a specific criteria and then write these numbers both in numerals and words.

Which numbers do you think are tricky to write in words?

Which numbers do you think are easier to write in words?

What is one more/one less of \_\_\_\_\_?

Which is the greatest number? How do you know?

Which is the smallest number? How do you know?

How are 15 and 50 different? Can you show me?

What other numbers could you have made with 2 ones?

Can you find them all?

What other numbers could you have made with 4 tens?

## Reading and Writing Numbers to 50

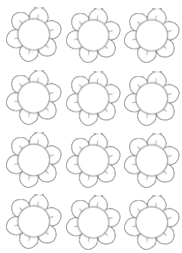


Write a number in numerals and words with:

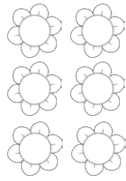
	Numeral	Number in Words
0 tens		
2 ones		
5 tens		
3 ones		
4 tens		
9 ones		
1 ten		
8 ones		
4 tens		
7 ones		
2 tens		

Order the numbers from the smallest to the greatest.

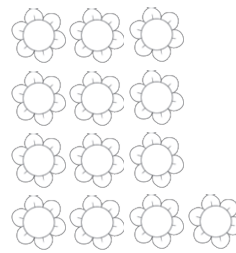
How many possible numbers could you have had?



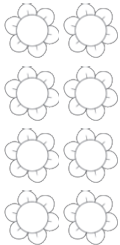
<b>12</b>
<b>twelve</b>



<b>6</b>
<b>six</b>



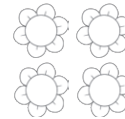
<b>13</b>
<b>thirteen</b>



<b>8</b>
<b>eight</b>



<b>1</b>
<b>one</b>



<b>4</b>
<b>four</b>

Corrections in bold. Children should give reasonable explanations as to why the mistakes were made. e.g. with 14, the 1 and 4 got switched around to make 41.



Quantity	Numeral	Number in Words
	<b>14</b>	fourteen
	22	<b>twenty-two</b>
	19	nineteen
	<b>35</b>	thirty-five
	40	<b>forty</b>
	49	forty-nine

Various answers are possible.



# Numbers in Words

## Tens

ten **10**  
twenty **20**  
thirty **30**  
forty **40**  
fifty **50**  
sixty **60**  
seventy **70**  
eighty **80**  
ninety **90**

## Ones

one **1**  
two **2**  
three **3**  
four **4**  
five **5**  
six **6**  
seven **7**  
eight **8**  
nine **9**

## Teen Numbers

eleven **11**  
twelve **12**  
thirteen **13**  
fourteen **14**  
fifteen **15**  
sixteen **16**  
seventeen **17**  
eighteen **18**  
nineteen **19**

**zero**

**one**

**two**

**three**

**four**

**five**

**six**

**seven**

**eight**

**nine**

**ten**

**eleven**

**twelve**

**thirteen**

**fourteen**

**fifteen**

**sixteen**

**seventeen**



**eighteen**

**nineteen**

**twenty**

**twenty-one**

**twenty-two**

**twenty-three**

**twenty-four**

**twenty-five**

**twenty-six**

**twenty-seven**

**twenty-eight**

**twenty-nine**

**thirty**

**thirty-one**

**thirty-two**

**thirty-three**

**thirty-four**

**thirty-five**

**thirty-six**

**thirty-seven**

**thirty-eight**

**thirty-nine**

**forty**

**forty-one**

**forty-two**

**forty-three**

**forty-four**

**forty-five**

**forty-six**

**forty-seven**

**forty-eight**

**forty-nine**

**fifty**

**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**

# Reading and Writing Numbers to 50

To read and write numbers to 50 in numerals and words.



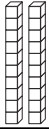

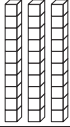
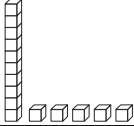
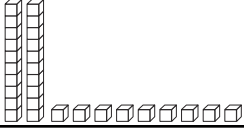
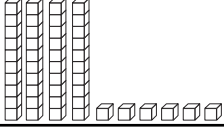
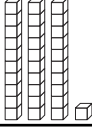
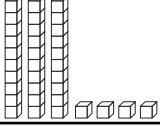
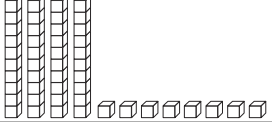
Can you fill in the missing boxes for each of the numbers below?  
The first one has been done for you.

Numerals	Number in Words	Base Ten Blocks
20	twenty	
10		
	thirty	
	fifteen	
29		
46	forty-six	
	thirty-one	
34		
48		

## Challenge

99		
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# Answers

Numerals	Number in Words	Base Ten Blocks
20	twenty	
10	<b>ten</b>	
30	thirty	
15	fifteen	
29	<b>twenty-nine</b>	
46	forty-six	
31	thirty-one	
34	<b>thirty-four</b>	
48	<b>forty-eight</b>	

## Challenge

99	<b>ninety-nine</b>	
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# Reading and Writing Numbers to 50

To read and write numbers to 50 in numerals and words.



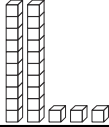
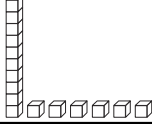
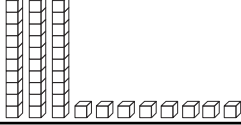
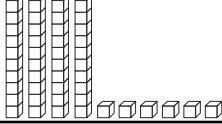
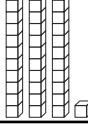
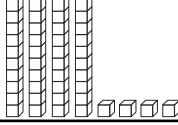
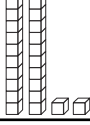
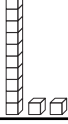

Can you fill in the missing boxes for each of the numbers below?  
The first one has been done for you.

Numerals	Number in Words	Base Ten Blocks
23	twenty-three	
16	sixteen	
38		
	forty-six	
44		
22	twenty-two	

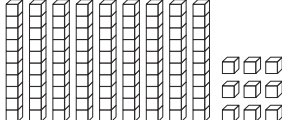
## Challenge

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# Answers

Numerals	Number in Words	Base Ten Blocks
23	twenty-three	
16	sixteen	
38	<b>thirty-eight</b>	
46	forty-six	
31	<b>thirty-one</b>	
44	<b>forty-four</b>	
22	twenty-two	
12	<b>twelve</b>	
7	<b>seven</b>	

## Challenge

99	<b>ninety-nine</b>	
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# Reading and Writing Numbers to 50

To read and write numbers to 50 in numerals and words.




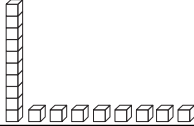
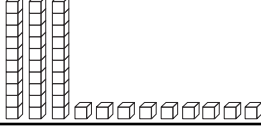
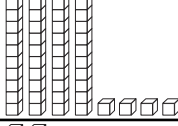
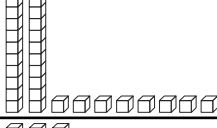
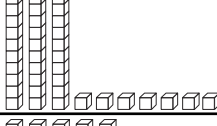
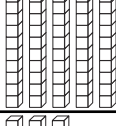
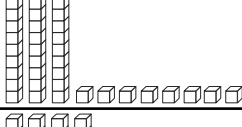
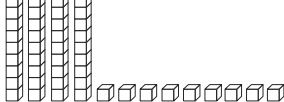
Can you fill in the missing boxes for each of the numbers below?  
The first one has been done for you.

Numerals	Number in Words	Base Ten Blocks
22	twenty-two	
18		
	forty-four	
28		
	thirty-seven	
38		
49		

**Challenge:** Think of your own number and complete all the columns.

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# Answers

Numerals	Number in Words	Base Ten Blocks
22	twenty-two	
18	<b>eighteen</b>	
<b>39</b>	<b>thirty-nine</b>	
<b>44</b>	forty-four	
28	<b>twenty-eight</b>	
<b>37</b>	thirty-seven	
<b>50</b>	<b>fifty</b>	
38	<b>thirty-eight</b>	
49	<b>forty-nine</b>	

**Challenge:** Think of your own number and complete all the columns.

Multiple answers possible.

# Writing Numbers to 50 Spinner



Number and Place Value | Reading and Writing Numbers to 50

<b>To read and write numbers to 50 in numerals and words.</b>		
I can read numbers to 50 in numerals.		
I can write numbers to 50 in numerals.		
I can read numbers to 50 in words.		
I can write numbers to 50 in words.		

Number and Place Value | Reading and Writing Numbers to 50

<b>To read and write numbers to 50 in numerals and words.</b>		
I can read numbers to 50 in numerals.		
I can write numbers to 50 in numerals.		
I can read numbers to 50 in words.		
I can write numbers to 50 in words.		

Number and Place Value | Reading and Writing Numbers to 50

<b>To read and write numbers to 50 in numerals and words.</b>		
I can read numbers to 50 in numerals.		
I can write numbers to 50 in numerals.		
I can read numbers to 50 in words.		
I can write numbers to 50 in words.		

Number and Place Value | Reading and Writing Numbers to 50

<b>To read and write numbers to 50 in numerals and words.</b>		
I can read numbers to 50 in numerals.		
I can write numbers to 50 in numerals.		
I can read numbers to 50 in words.		
I can write numbers to 50 in words.		

Number and Place Value | Reading and Writing Numbers to 50

<b>To read and write numbers to 50 in numerals and words.</b>		
I can read numbers to 50 in numerals.		
I can write numbers to 50 in numerals.		
I can read numbers to 50 in words.		
I can write numbers to 50 in words.		

Number and Place Value | Reading and Writing Numbers to 50

<b>To read and write numbers to 50 in numerals and words.</b>		
I can read numbers to 50 in numerals.		
I can write numbers to 50 in numerals.		
I can read numbers to 50 in words.		
I can write numbers to 50 in words.		

Number and Place Value | Reading and Writing Numbers to 50

<b>To read and write numbers to 50 in numerals and words.</b>		
I can read numbers to 50 in numerals.		
I can write numbers to 50 in numerals.		
I can read numbers to 50 in words.		
I can write numbers to 50 in words.		

Number and Place Value | Reading and Writing Numbers to 50

<b>To read and write numbers to 50 in numerals and words.</b>		
I can read numbers to 50 in numerals.		
I can write numbers to 50 in numerals.		
I can read numbers to 50 in words.		
I can write numbers to 50 in words.		