

YR1 Knowledge Organiser - Place Value within 50

The same methods apply to place value to 100

Key Concepts

- Count to fifty, forwards and backwards, beginning at any number.
- Read and write numbers to 50 in numerals and words.
- Find one more and one less than numbers up to 50.
- Represent numbers up to 50 using objects and pictorial representations.
- Compare and order numbers to 50.
- Count in multiples of twos and fives up to 50.

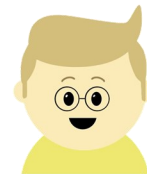
Key Vocabulary

- number line
- part whole model
- tens frame
- more / less than
- fewer than
- equal to
- most / least
- count
- numeral
- multiple



Read and Write Numbers 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



"What number patterns can you see on the grid?"

one less

one more

One More and One Less

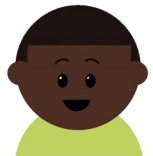
One Less		One More
33	34	35

Compare and Order Numbers

26 > 25

26 < 27

"26 is one more than 25 but it is one less than 27"



We can order the numbers from smallest to largest: 25, 26, 27 or largest to smallest: 27, 26, 25.



YR1 Knowledge Organiser - Place Value within 50

Count Forwards and Backwards



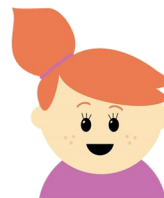
"We can count on and back to find the missing numbers."

27			30	31	
----	--	--	----	----	--

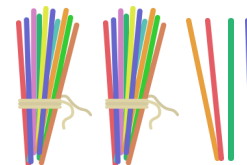
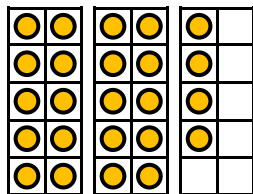
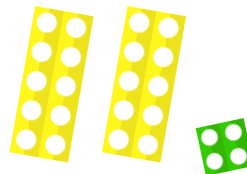
50		48		46	
----	--	----	--	----	--

Representing Numbers

"How many different ways can you represent the number 24?"



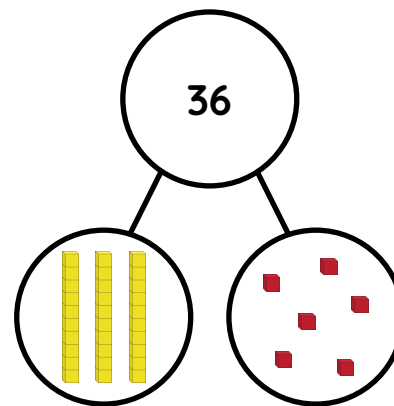
twenty-four



Tens and Ones



"We can represent two-digit numbers with a part whole model."



The whole is 36.

One part is 30.

The other part is 6.

"There are three tens and six ones in thirty-six."



Counting in Twos and Fives

Twos	
2	two
4	four
6	six
8	eight
10	ten
12	twelve
14	fourteen
16	sixteen
18	eighteen
20	twenty
22	twenty-two
24	twenty-four
26	twenty-six
28	twenty-eight
30	thirty
32	thirty-two
34	thirty-four
36	thirty-six
38	thirty-eight
40	forty
42	forty-two
44	forty-four
46	forty-six
48	forty-eight
50	fifty

Fives	
5	five
10	ten
15	fifteen
20	twenty
25	twenty-five
30	thirty
35	thirty-five
40	forty
45	forty-five
50	fifty

