

MY PALS ARE HERE!

Maths

2nd Edition

2A



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Numbers To 1000

Instructional Objectives: Counting

Pupils will be able to:

- recognise concrete representations of numbers (100 to 1000), read and write their corresponding numbers and number words
- recognise, read and write numbers (100 to 1000) and their corresponding number words (one hundred to one thousand)

- count within 1000 by making hundreds and tens first
- use the strategies of counting by 1s, 10s and 100s to count to 1000
- recognise and interpret sentences associated with tens and ones

Key Concepts

- Counting numbers up to 1000 by using concrete representations
- Strategies of counting by 1s, 10s and 100s

Instructional Procedure

1

- Revise by showing a concrete representation of 10 cubes making 1 ten.
- Revise counting on by 10 up to 100 using the concrete representation of 10. Then make a concrete representation of 1 hundred using 10 rows of 1 ten.
- Write the number '100' and the number word 'One Hundred' and replace 10 tens with a 100 block.
- Explain and show pupils how to count up to 108. Use the method of counting from 100 by 1s as follows: 100, 101, 102, 103,..., 108. Point at the concrete presentation as you count.

2

- Explain and show pupils how to count up to 352.
- Use the method of counting by 100s, by 10s and by 1s as follows: 100, 200, 300, 310, 320,..., 350, 351, 352. Point at the concrete presentation as you count.

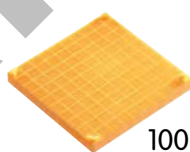
1 Numbers To 1000



Let's Learn!

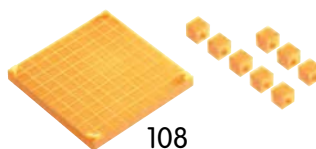
Counting

- 1 Googol puts 10  to form  .
He then puts together 10  .
10 tens = 100



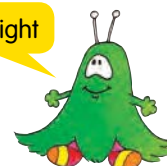
100

10, 20, 30, 40, 50,
60, 70, 80, 90, 100.
One hundred!

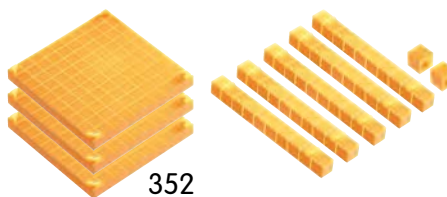


108

one hundred and eight



2



352

three hundred and fifty-two



Thinking Skills

- Comparing
- Classifying
- Identifying relationships
- Sequencing

What You Will Need

Concrete representations such as unit cubes in hundreds, tens and ones

Note

Pupils should realise the following:

- 1 cube is 1 one
- 10 ones form 1 ten
- 10 tens form 1 hundred
- 10 hundreds form 1 thousand

Instructional Procedure

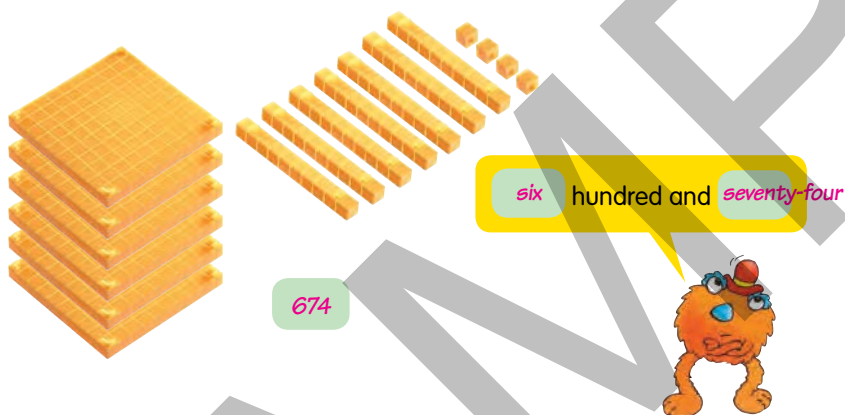
3 and **4**

- Assess pupils informally to check whether they can count by 100s, 10s and 1s, given a set of concrete representations.
- You may get a few pupils to carry out this activity in front of the class.

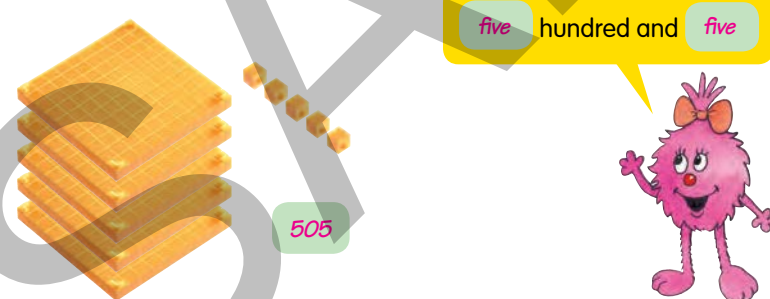
5

- Lead pupils to count up to 1000 using 100 blocks. Count by 100s as follows: 100, 200, 300,..., 900, 1000. Stack up the 100 blocks as you count.
- Get pupils to repeat the counting.
- Introduce the number '1000' and the number word 'one thousand'.
- Emphasise that 10 one-hundred blocks make one big cube, which represents 1000. (Teacher to show ten 100-blocks and one big cube).

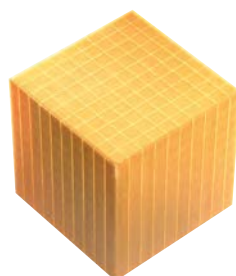
3 How many  are there?



4 How many  are there?



5 What number comes after 999?



1000
one thousand!

