

MATHEMATICS

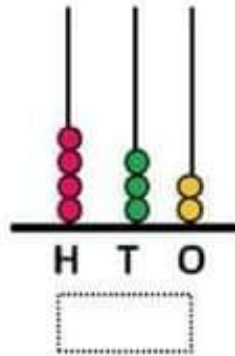
YEAR 2

THEME	NUMBERS AND OPERATIONS
TITLE	1.0 WHOLE NUMBERS UP TO 1000
UNIT	NUMBERS UP TO 1000
TOPIC	KNOW NUMBERS

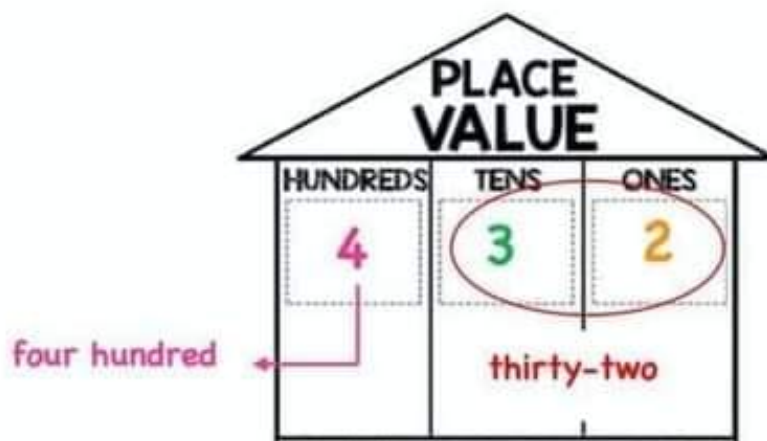




How to write the numbers in words?



1. Draw the place value house.



2. Insert the numbers according to their room.

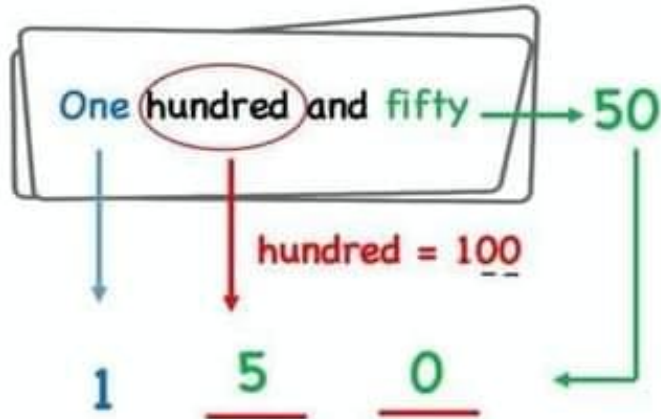
four hundred and thirty-two

How about **135**?

Can you write the number in words?



How to write the numbers in numerals?



How about **four hundred and sixteen**?
Can you write the number in numerals?



By the end of the lesson, pupils will be able to:

Write the numbers up to 1000 in numerals and words.

NUMBERS IN NUMERALS AND WORDS.

numerals

words



115

One hundred fifteen



463

Four hundred and
sixty-three



730

Seven hundred
and thirty



685

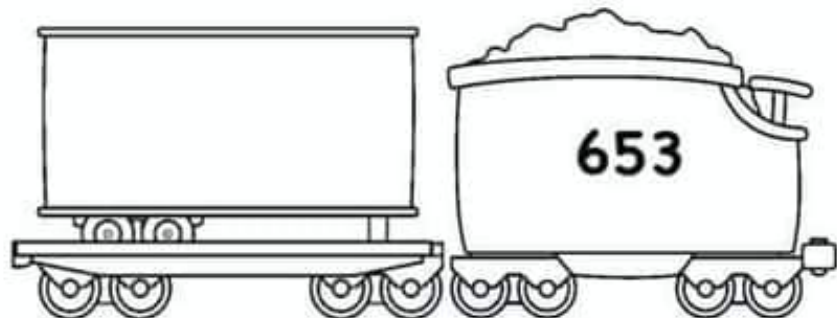
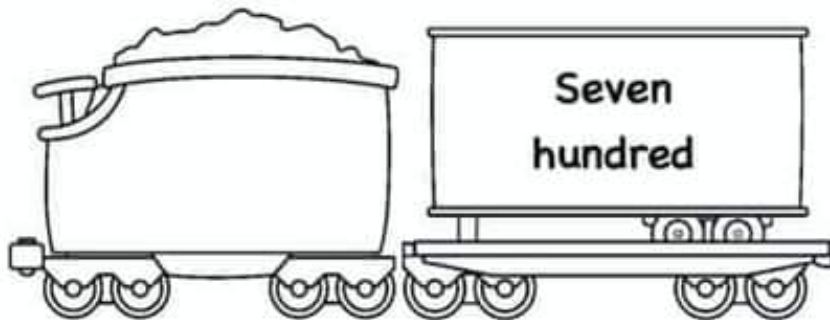
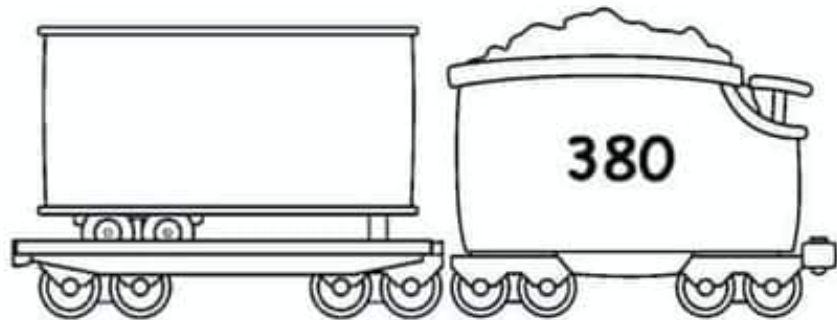
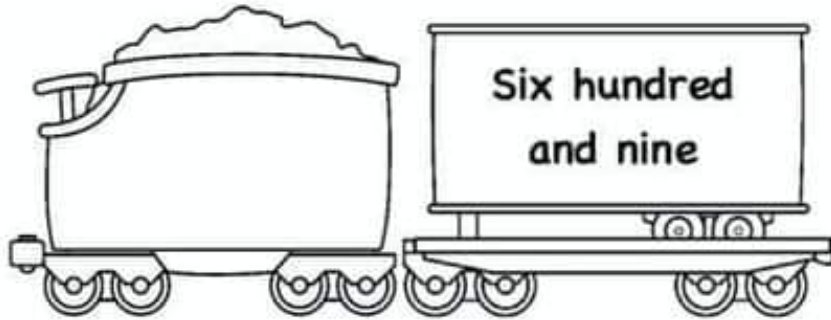
Six hundred and
eighty-five



295

Two hundred and
ninety-six

C) Fill in the blanks with the correct answer.





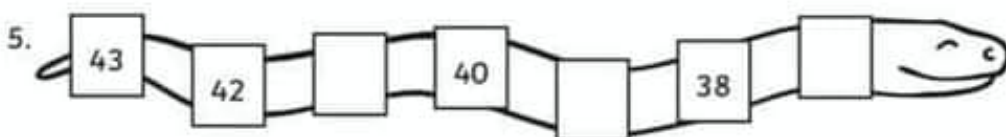
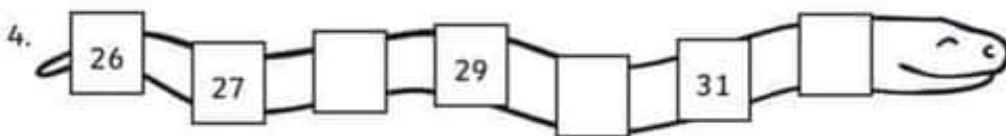
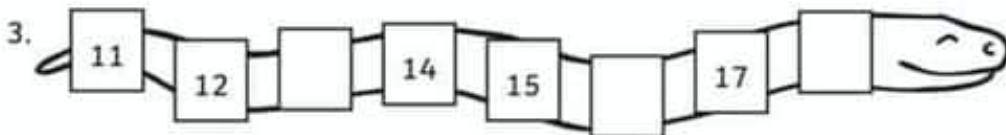
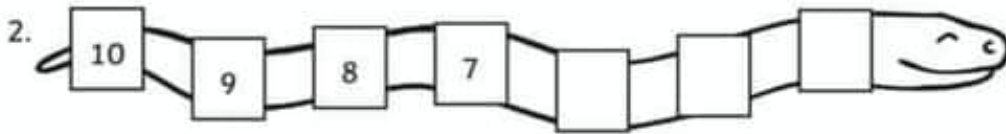
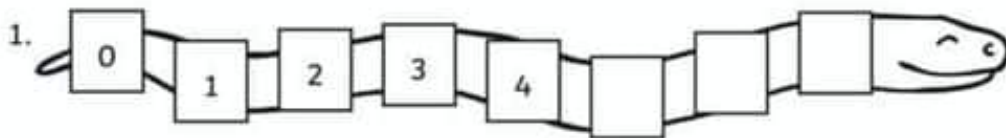
By the end of the lesson, pupils will be able to:

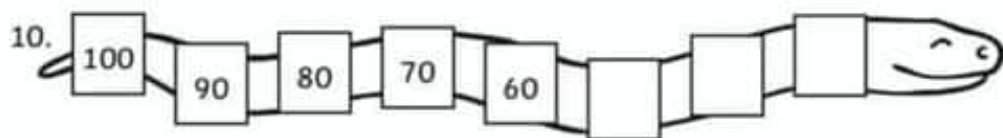
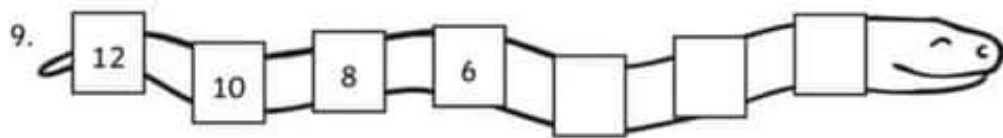
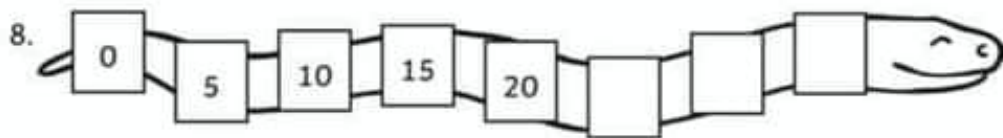
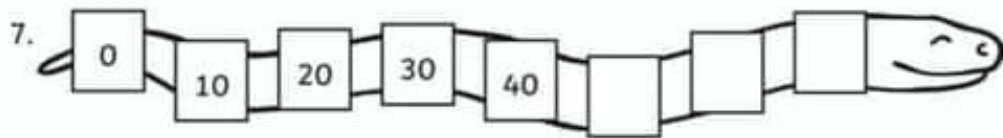
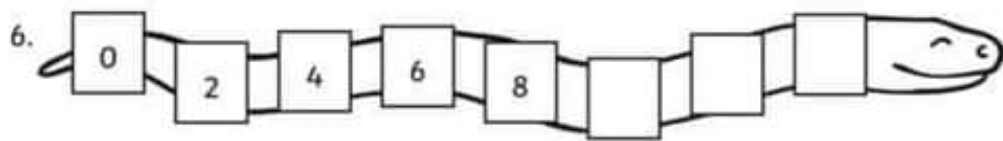
1.3.1 Count numbers.

1.3.2 Complete any number sequence.

Sequence Snakes

A) Can you work out the missing numbers from these sequence snakes?





B) Fill in the missing numbers from these section of 1000 number square.

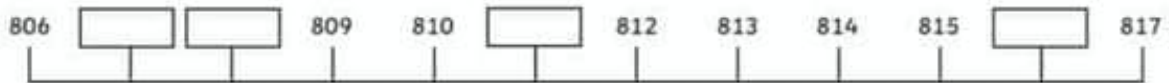
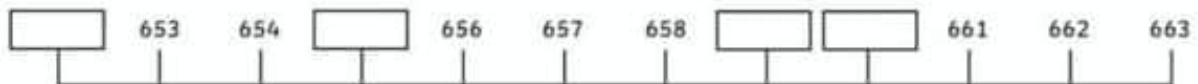
467		469	
	478		480

	232		234
241	242	243	

	656	657	
		667	668

	988	989	
997		999	

C) Fill in the missing numbers in these number lines.



TRY THIS OUT !

A) Write the place value and digit value of the underlined digit.

LS 1.4.1
PL2

Number	Place value	Digit value
14 <u>6</u>		
3 <u>1</u> 0		
4 <u>0</u> 5		
<u>2</u> 64		
8 <u>7</u> 7		
<u>6</u> 35		
4 <u>5</u> 4		
<u>3</u> 39		

B) Partition each of the following numbers according to the digit value or place value.

LS 1.4.2
PL2

a) $504 = \square + \square$

b) $852 = \square + \square + \square$

c) $643 = \square + \square + \square$

d) $114 = \square$ hundreds + \square tens + \square ones

e) $518 = \square$ hundreds + \square tens + \square ones

f) $347 = \square$ hundreds + \square tens + \square ones

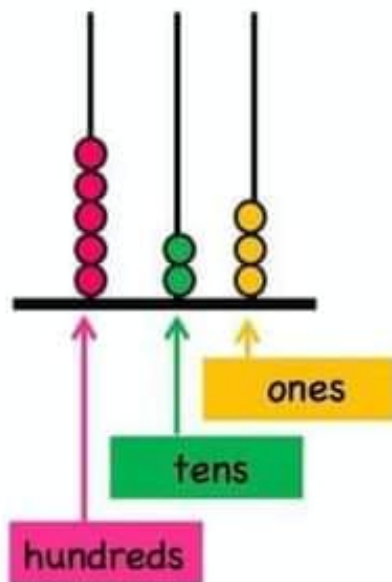


By the end of the lesson, pupils will be able to:

1.4.1 State the place value and digit value of any number.

1.4.2 Partition any number according to place value and digit value.

PLACE AND DIGIT VALUE



Digit	5	2	3
Place value	hundreds	tens	ones
Digit value	500	20	3

PARTITION NUMBERS

NUMBER	523
PLACE VALUE	5 hundreds + 2 tens + 3 ones
DIGIT VALUE	500 + 20 + 3

TRY THIS OUT !

A) Underline the reasonable answer.

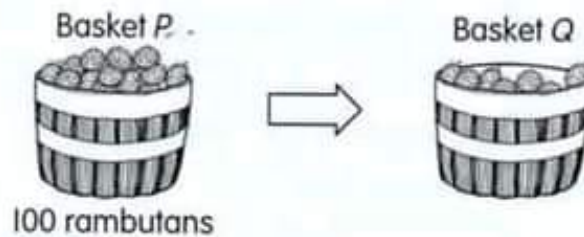
LS 1.5.1
PL3

(a)



Bottle S has (more than, about) 1 000 beads.

(b)



Basket Q has (less than, more than) 100 rambutans.

(c)

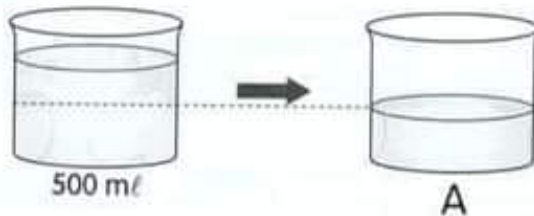


Set K has a volume of orange juice that is (less than, more than) 200 ml.

B) Underline the reasonable quantity estimation.

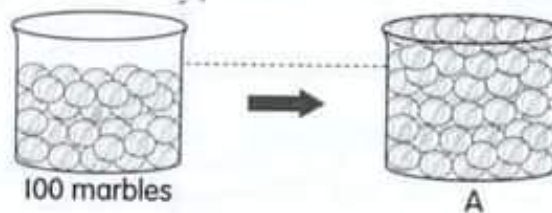
LS 1.5.1
PL3

(a)



The volume of water in container A is [less than, more than] 500 ml.

(b)



The number of marbles in container A is [less than, more than] 100.

(c)



The total volume of water in 3 bottles is [more than, less than] 900 ml.

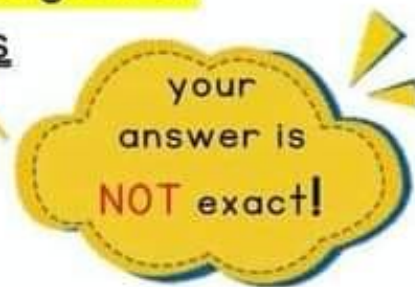


By the end of the lesson, pupils will be able to:
1.5.1 Give reasonable estimation for the quantity of objects.

ESTIMATION

making a thoughtful
guess

“ We use estimates:
- when shopping
- when cooking
- with time
- with distance ”



Make your
best guess ! 😊

1.6 ROUND OFF NUMBERS



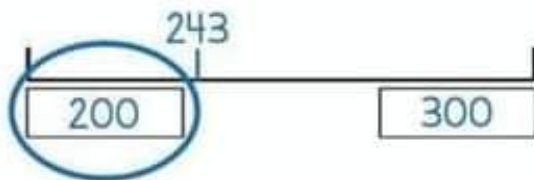
Learning Objective:
To round to the nearest 100.

Write the hundreds either side of the given number and mark it approximately on the number line.

Then circle the 100 to which the given number is closer. (Remember, 5 goes up.)

The first one has been done for you.

a) 243



d) 505



b) 871



e) 789



c) 450



f) 521



d) 168



g) 329



1.6 ROUND OFF NUMBERS



By the end of the lesson, pupils will be able to:
1.6.1 Round off whole numbers to the nearest hundreds.



Rounding to the nearest 100



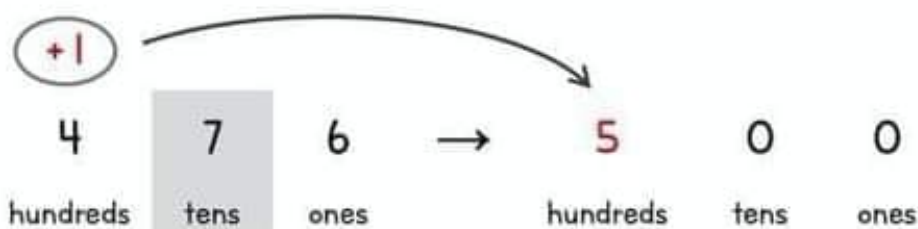
Rounding Poem

FIND A **number**,
LOOK NEXT DOOR!
FIVE OR HIGHER.
ADD **one** MORE!
FOUR OR LOWER.
JUST IGNORE!

STRATEGY 1

Round to 100

Find the hundreds, look to the number next door in the tens house. If it's **5 or more**, **add one** to the hundreds house and round the tens and ones to zero.



If it's **4 or lower**, **just ignore** the other numbers. Keep the hundreds and round the tens and ones to zero.

