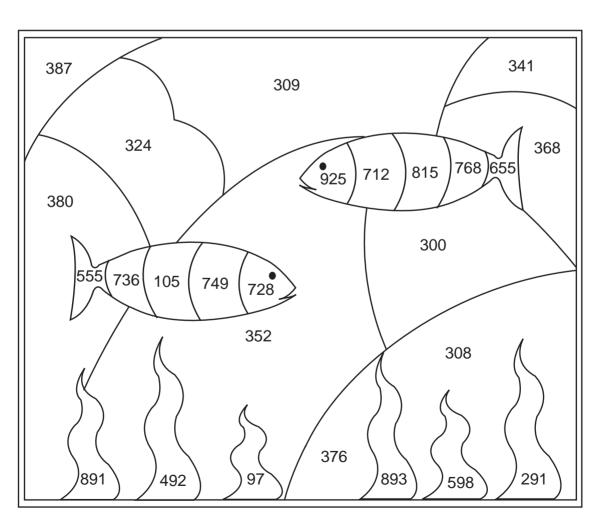


Colour the numbers with

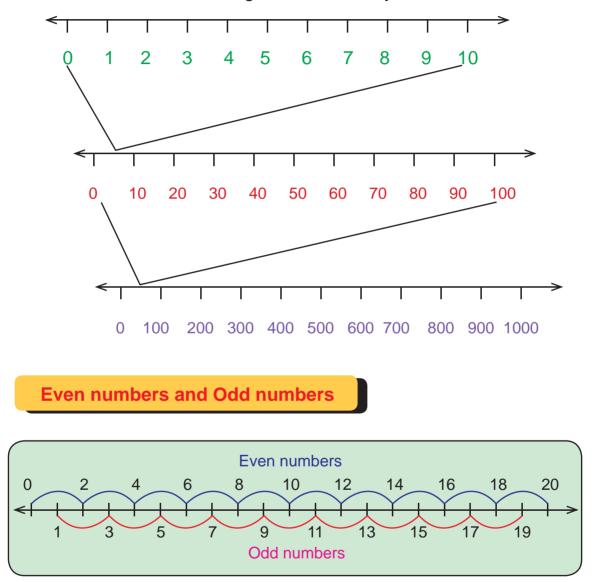
- 3 in the hundreds place by blue.
- 9 in the tens place by green.
- 5 in the ones place by orange.
- 7 in the hundreds place by red.





Number line

We can mark the numbers in a straight line at equal distances. Number line starts at 0 and goes on endlessly.

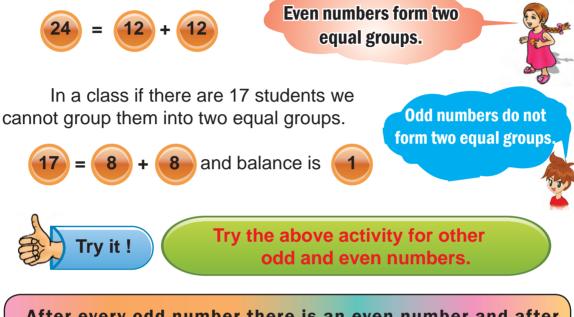


ATHEMATICS

The numbers 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30..... are even numbers.

The numbers 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29...... are odd numbers. Note that even numbers end with 0, 2, 4, 6, 8 and odd numbers end with 1, 3, 5, 7 and 9.

In a class if there are 24 students then we can group them into two equal groups.



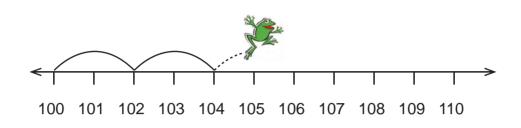
After every odd number there is an even number and after every even number there is an odd number.



Circle the even numbers	Circle the odd numbers
47, 52, 69, 70, 84	32, 41, 50, 67, 93
132, 145, 149, 174, 199	105, 116, 125, 142, 151
216, 400, 401, 432, 455	217, 232, 245, 342, 357
522, 564, 575, 587, 600	535, 540, 557, 561, 592
921, 926, 932, 938, 947	830, 841, 853, 862, 899

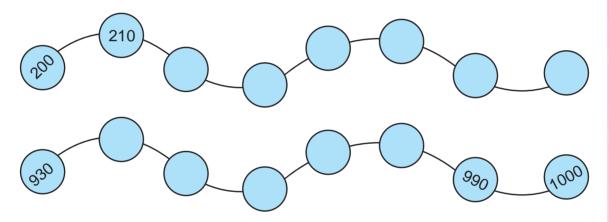
Skip counting in three digit numbers

A frog jumps on the number line in 2s.

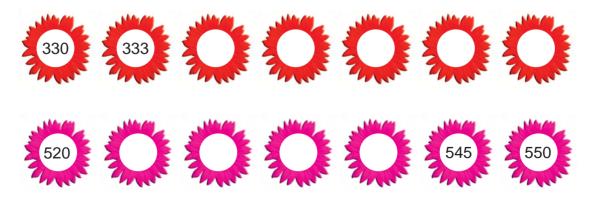


Help the frog to continue: <u>100, 102, 104,</u>

Count in 10s and complete the blanks :



Observe the patterns and complete the blanks:

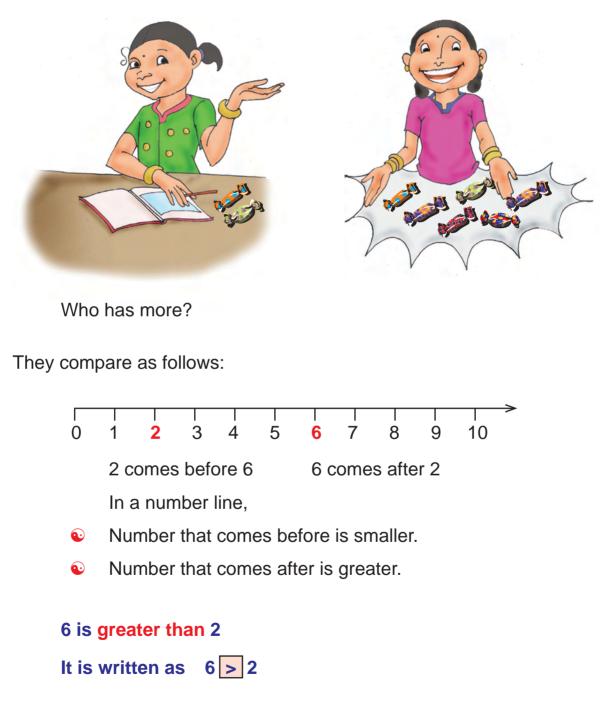




MATHEMATICS



Anitha has 2 chocolates and her sister Vanitha has 6 chocolates.



So Vanitha has more chocolates.

If Abinaya has collected 48 stamps and Gayathiri has collected 52 stamps. Who has collected less number of stamps?

In the number line 48 comes before 52.

Hence 48 is less than 52.

It is written as 48 < 52.

So Abinaya has collected less stamps.

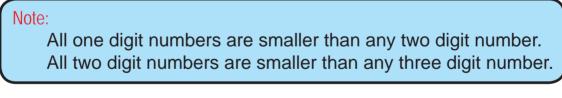
Balu has 12 sketch pens. Mani also has 12 sketch pens. Who has more? and who has less?

While comparing, they have equal sketch pens.

It is written as 12 = 12.

Comparison of numbers with different digits.

The number which has more digits is a greater number.



Compare 98 and 112.

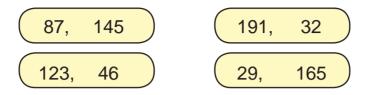
н	Т	0
	9	8

н	т	0
1	1	2

The number 112 has 3 digits and 98 has only 2 digits.

```
So the number 112 is greater than 98.
we write 112 > 98.
```

Compare the following sets of numbers and circle the smaller number.



Comparison of numbers with equal digits :

If the number of digits are equal, compare the digit in the hundreds place. The number which has a greater digit in the hundreds place is greater.

Compare 123 and 200

Н	Т	0
1	2	3

Н	Т	0
2	0	0

2 is greater than 1, so the number 200 is greater than 123. We write 200 > 123. We can also say 123 < 200.

If the digits in the hundreds place are same, compare the digits in the tens place. The number which has the greater digit in the tens place is the greater number.

Compare 156 and 131

Н	Т	0
1	5	6

Н	Т	0
1	3	1

The digits in the hundreds place are the same. Compare the digits in the tens place.

5 is greater than 3. So the number 156 is greater than 131. We write 156 > 131. We can also say 131 < 156.



If the digits in the hundreds and the tens place are same, compare the digits in the ones place. The number which has the greater digit in the ones place is the greater number.

Compare 165 and 168

Н	Т	0	Н	Т	0
1	6	5	1	6	8

The digits in the hundreds place and tens place are the same. Compare the digits in the ones place.

8 is greater than 5. So the number 168 is greater than 165. We write 168 > 165. We can also say 165 < 168.

Compare 326 and 326

Н	Т	0
3	2	6

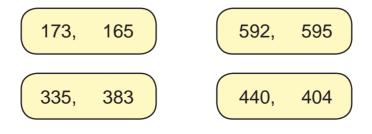
Н	Т	0
3	2	6

MHEMATICS

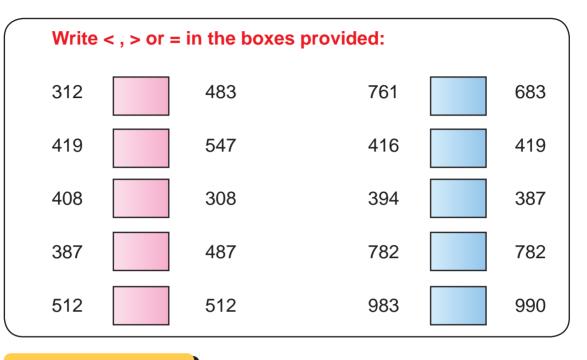
The digits in the hundreds place, tens place and ones place are same.



Compare the numbers in each of the following sets and circle the smaller number.







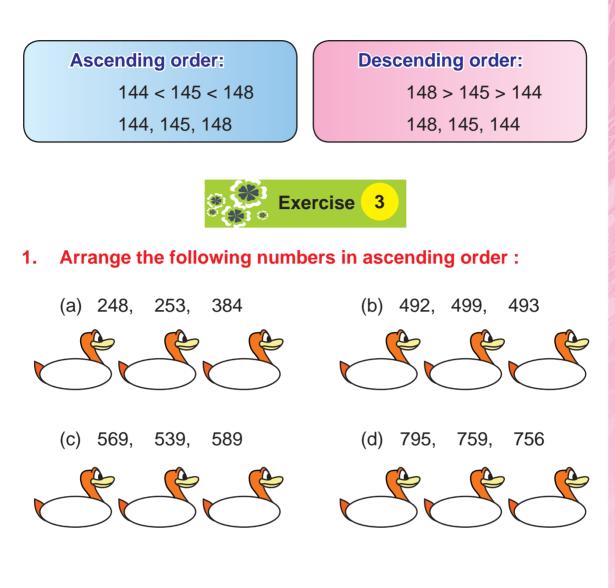
Order of numbers

When we write the numbers from smaller to greater, we call it ascending order. When we write numbers from greater to smaller, we call it descending order.

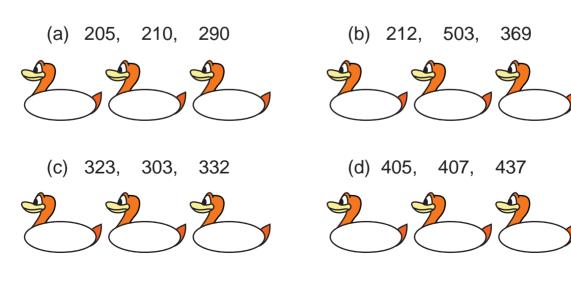
We arrange the numbers **144**, **148** and **145** in ascending order and in descending order.

Look at the number line :

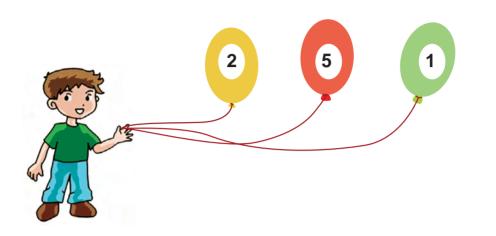
144 is smaller than 145 and145 is smaller than 148.



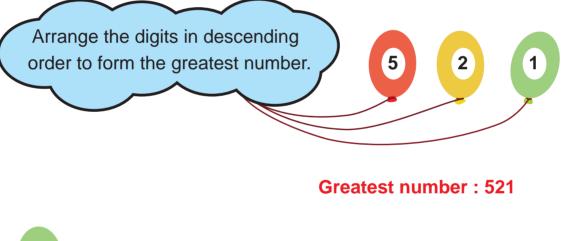
2. Arrange the following numbers in descending order :

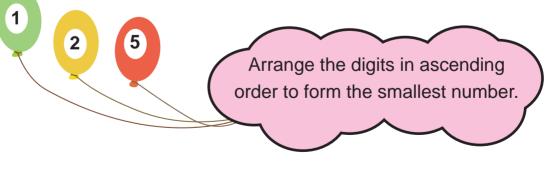


Form greatest and smallest numbers using given digits



How can we form the greatest number from these given digits?

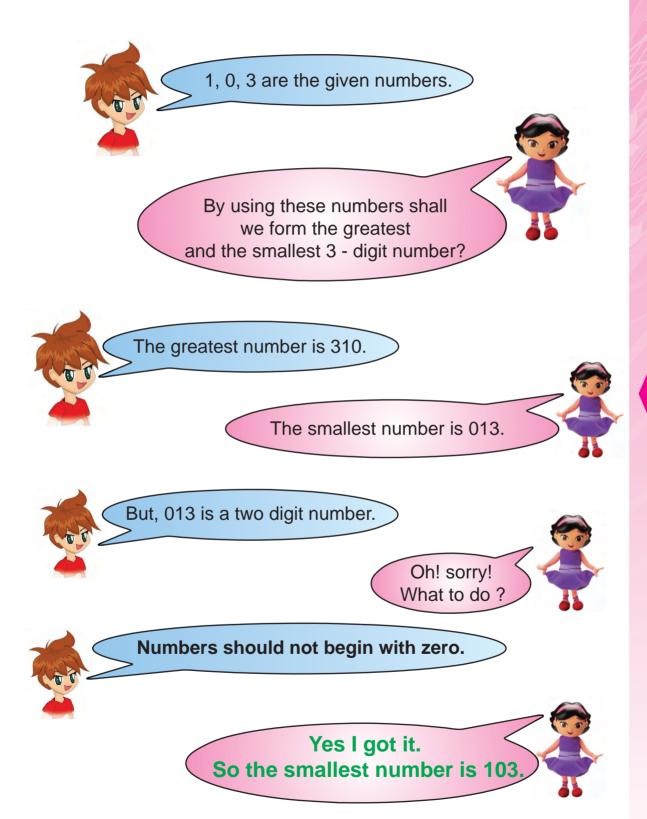




Smallest number : 125

MATHEMATICS

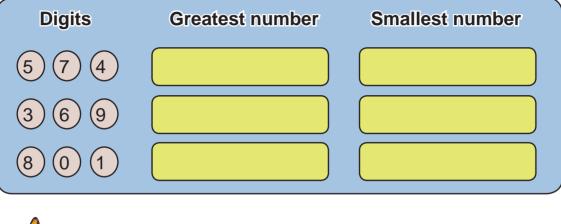
Let us see another example :



HEMATICS



Form the greatest and the smallest 3 digit number.





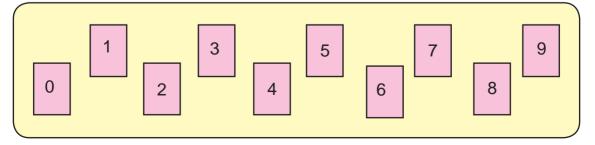
Make 10 number cards from 0 to 9

Put the cards downward.

 Turn any three cards and make all possible three digit numbers.

Ask the students to form the greatest number.

Ask the students to form the smallest number.







1) Fill in the missing numbers.

551	561				596
552					
553					
		570			600

2) Write the number names.



3. Fill in the blanks.

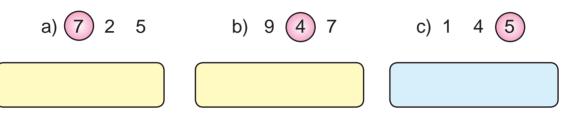
a)	266 has	Hundreds	Tens	Ones
b)	405 has	Hundreds	Tens	Ones
c)	574 has	Hundreds	Tens	Ones
d)	896 has	Hundreds	Tens	Ones
e)	999 has	Hundreds	Tens	Ones



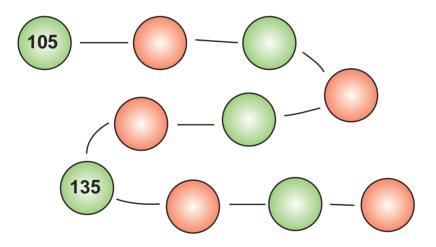
Put a box around the correct number.

a)	3 Hundreds 9 Tens 0 Ones	309,	390,	903
b)	5 Hundreds 2 Tens 2 Ones	522,	225,	520
c)	6 Hundreds 5 Tens 1 Ones	156,	651,	516
d)	9 Hundreds 0 Tens 9 Ones	990,	909,	900

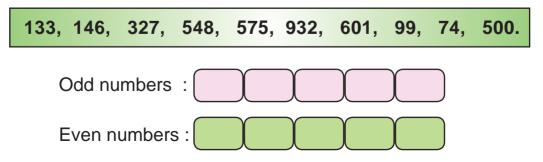
5. Write the place value for the circled digits.



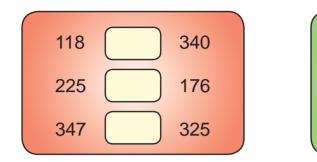
6. Skip count by fives.



7. Find out the odd and the even numbers.

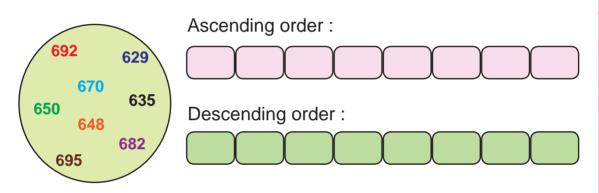


8. Compare the numbers and write \langle , \rangle , or = in the box.

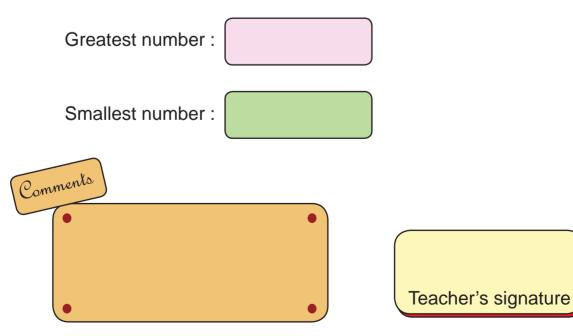




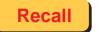
9. Write the numbers in ascending and descending order.



10. Using the numerals 7, 4, and 5, write the greatest and the smallest 3 digit number.



ADDITION

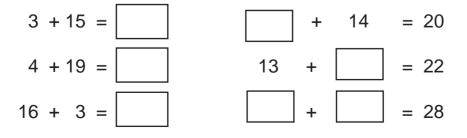


4

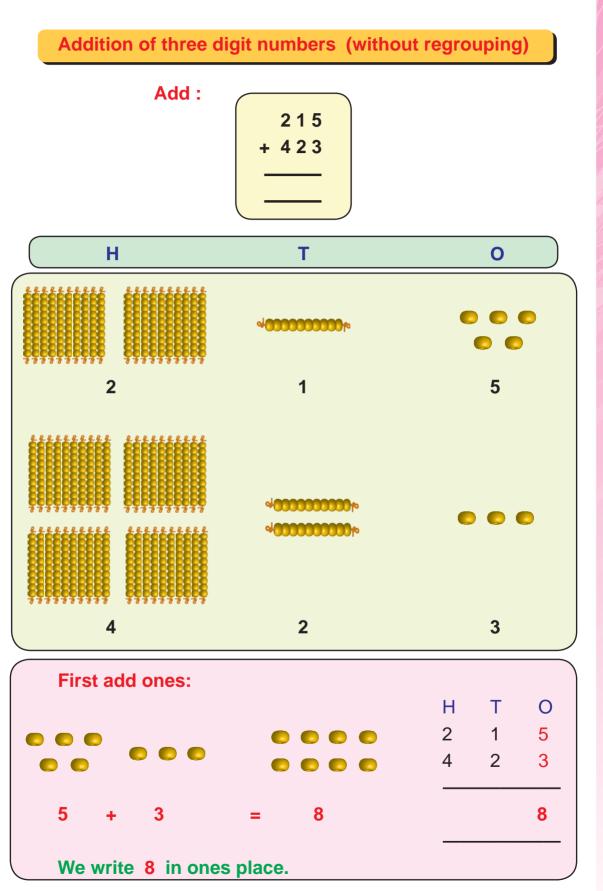
Complete the table:

+	11	12	13	14	15	16	17	18	19	20
0										
1										
2										
3			16							
4										
5										
6										
7						23				
8										
9										
10										30

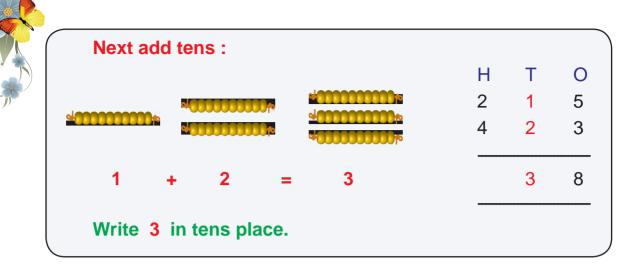
Fill in the blanks using the above table :

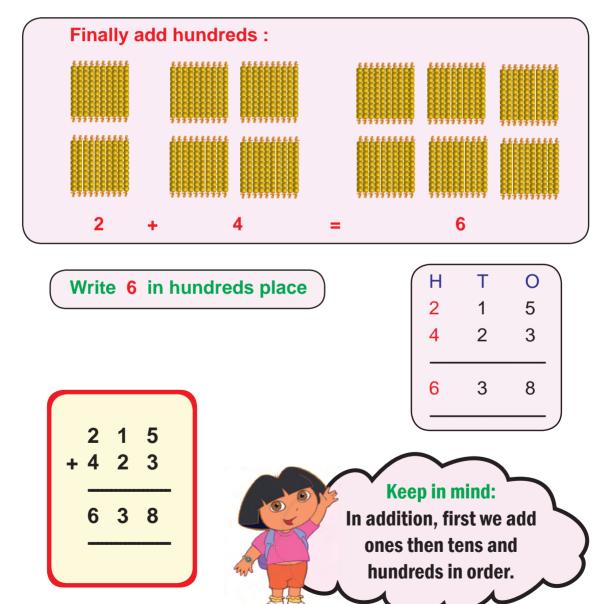






MATHEMATICS

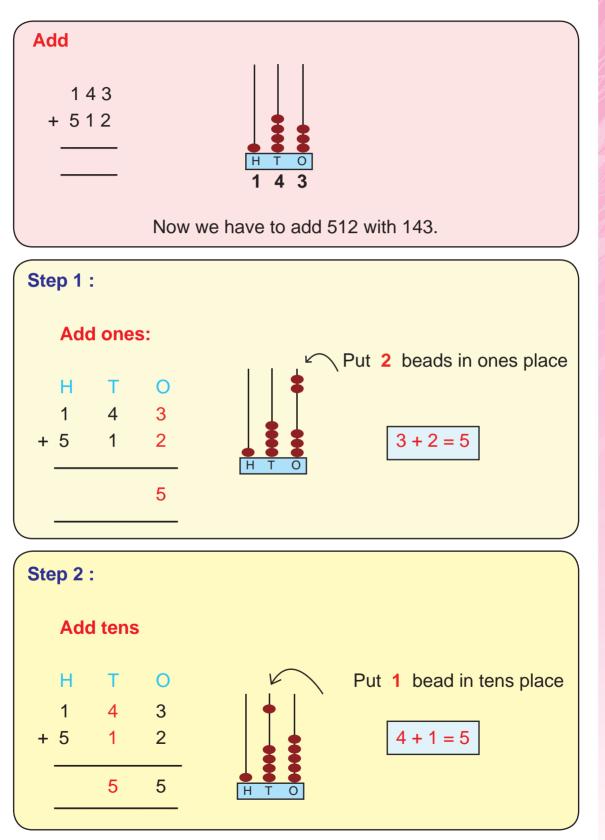




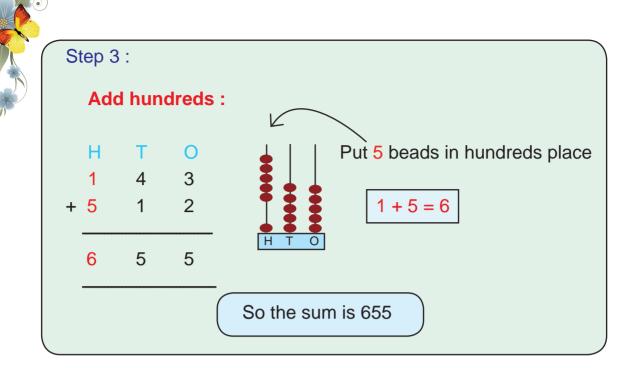
MATHEMATICS

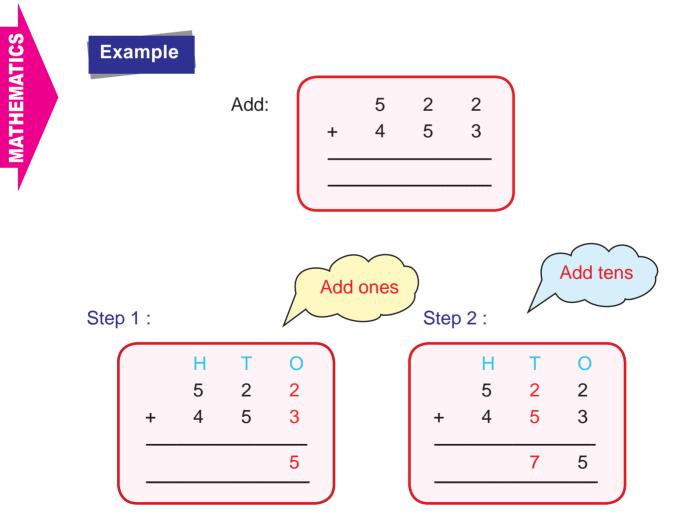
120

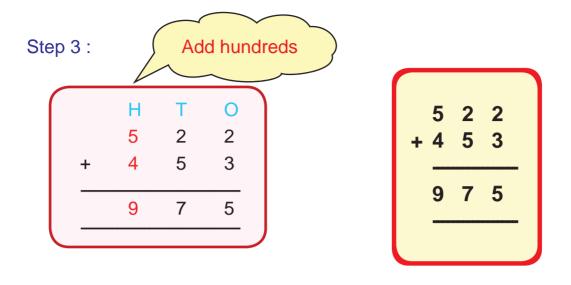
Addition through spike abacus.



MATHEMATICS

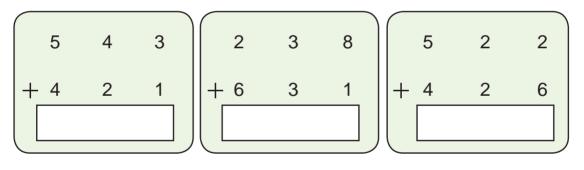


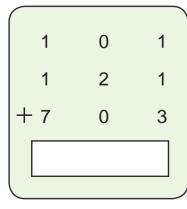


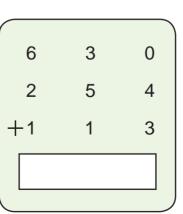


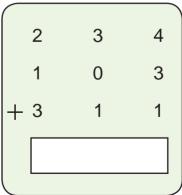


Add the following numbers :





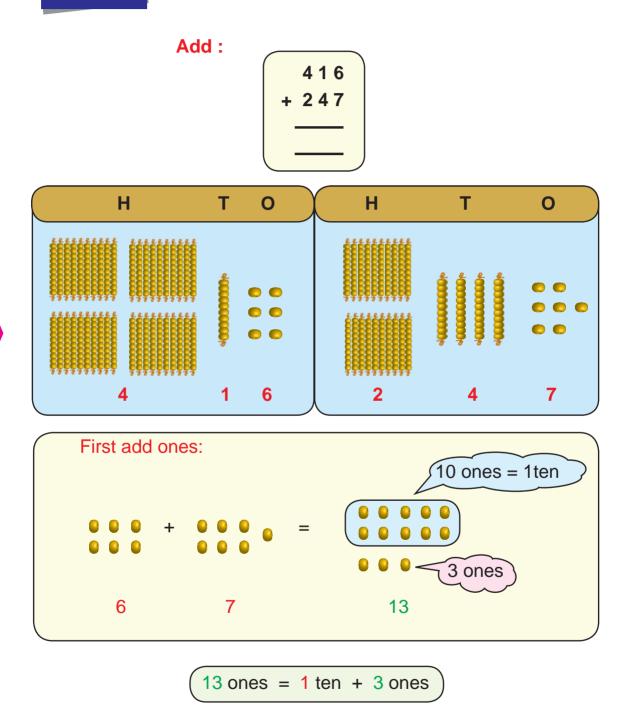




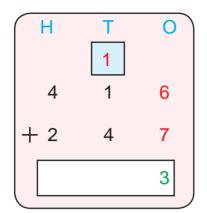
Addition of three digit numbers (with regrouping)

Example

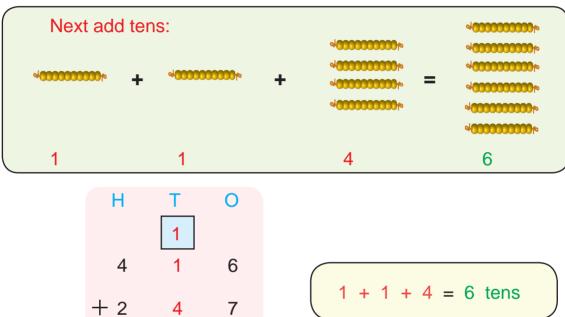
MATHEMATICS

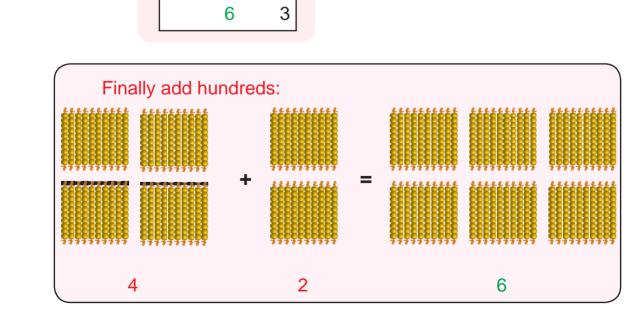


So, we put 3 in ones place and carry over 1 ten to tens place.

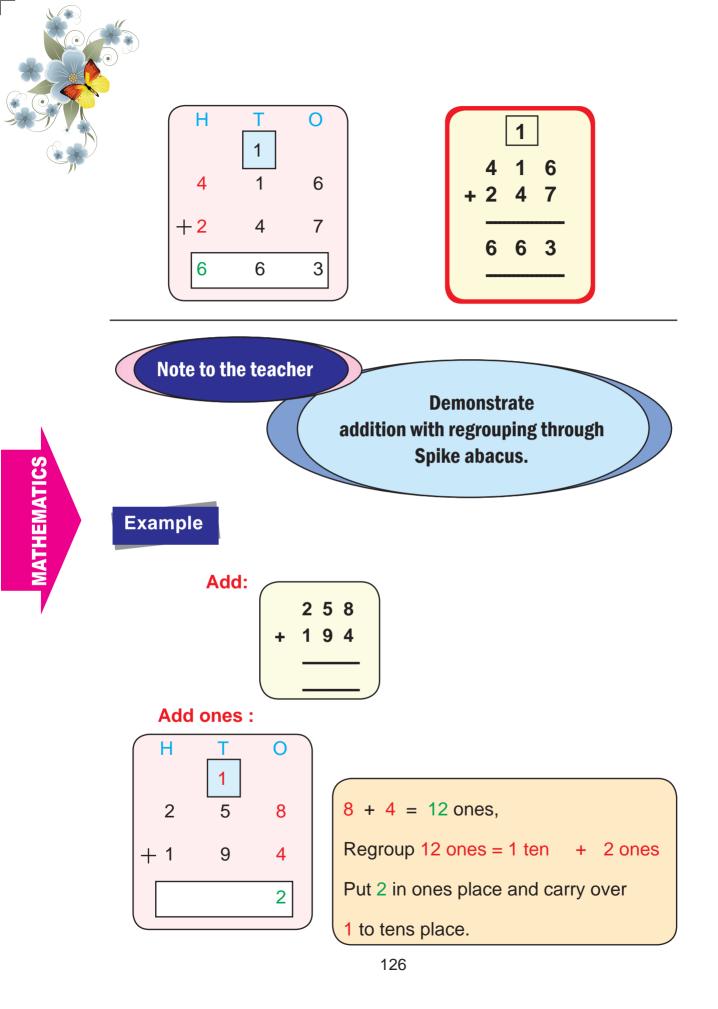


6 + 7 = 13 ones 13 ones = 1 ten + 3 ones

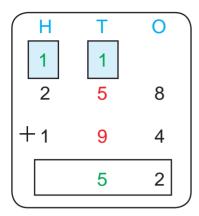




MATHEMATICS



Add Tens :



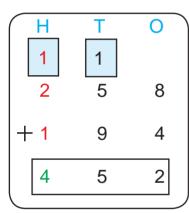
1 + 5 + 9 = 15 tens,

Regroup 15 tens = 1 hundred + 5 tens

Put 5 in tens place and carry over

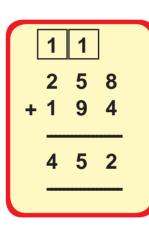
1 to hundreds place.

Add Hundreds :



1 + 2 + 1 = 4 hundreds,

Put 4 in hundreds place.



ATHEMATICS



Add the following numbers :

a)
$$\begin{bmatrix} 3 & 5 & 8 \\ + & 4 & 9 & 0 \\ - & - & - \\ \hline & & - & - \\ \hline & & & - & - \\ \hline & & & - & - \\ \hline & & & & - & - \\ \hline & & & & - & - \\ \hline & & & & & - \\ \hline \end{array} \end{array}$$