

SESSION : 2

CLASS : I

SUBJECT : MATHEMATICS

CHAPTER NUMBER:5

CHAPTER NAME :PLACE VALUE AND FACE VALUE

SUBTOPIC : 5.3- PLACE VALUE USING ABACUS

CHANGING YOUR TOMORROW

LET'S HAVE A QUICK RECAP ON PLACE VALUE AND FACE VALUE

DIFFERENCE BETWEEN PLACE VALUE AND FACE VALUE

78

What do you want to find?

Face Value

The answer is the
same digit

7

Place Value

Multiply the digit
with its position
in the number

$7 \times 10 = 70$

WRITE THE FACE VALUE AND PLACE VALUE OF THE DIGIT WHICH IS CIRCLED

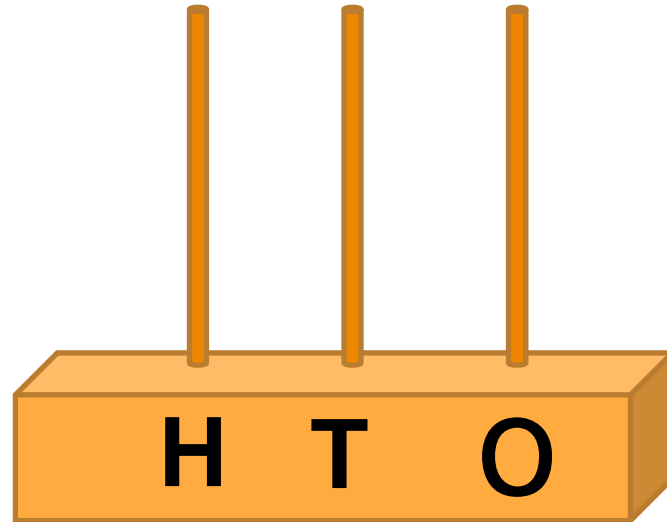
| Number | Face Value | Place Value |
|--------|------------|--------------------|
| 65 | 6 | $6 \times 10 = 60$ |
| 83 | 3 | $3 \times 1 = 3$ |
| 70 | 0 | $0 \times 1 = 0$ |
| 58 | 8 | $8 \times 1 = 8$ |
| 95 | 9 | $9 \times 10 = 90$ |
| 27 | 7 | $7 \times 1 = 7$ |
| 39 | 3 | $3 \times 10 = 30$ |

FACE VALUE USING ABACUS

What is an Abacus?

An Abacus has spikes which represent places of digits in a given number.

Spikes are named from right to left as O, T, H and so on.

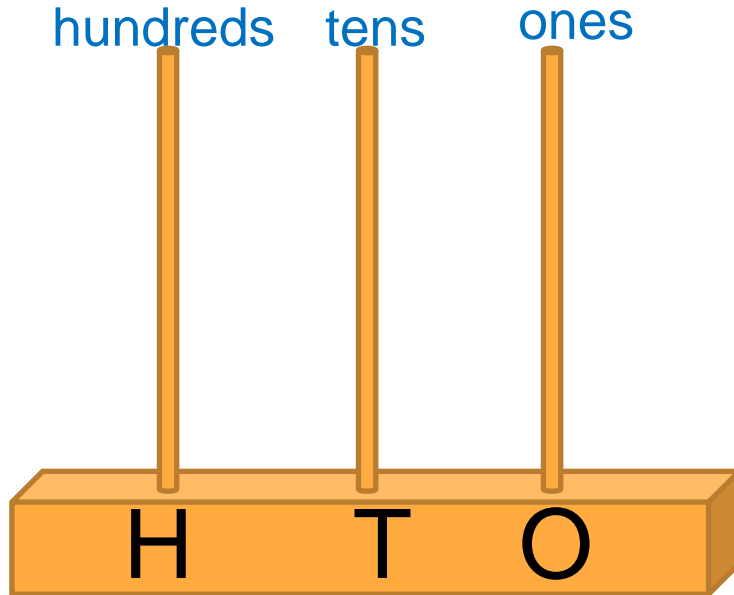


FACE VALUE USING ABACUS

O stands for ones

T stands for tens

H stands for hundreds

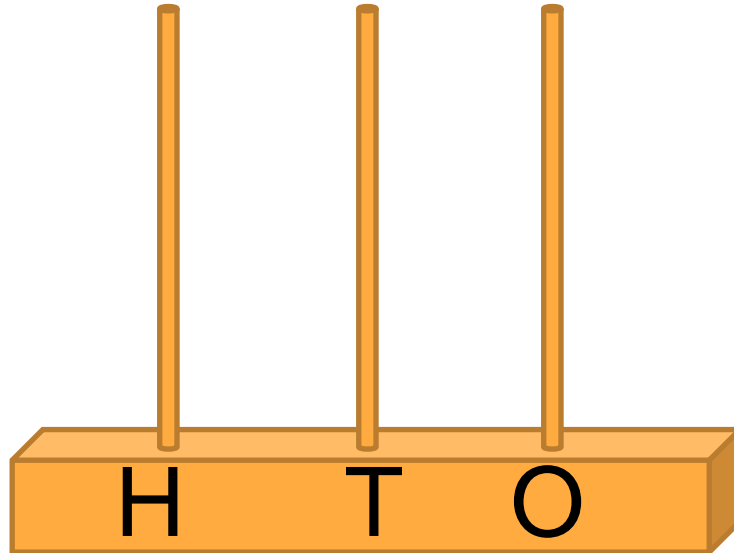


FACE VALUE USING ABACUS

The place value of a digit in hundreds place = the digit \times 100

The place value of a digit at tens place = the digit \times 10

The place value of a digit at ones place = the digit \times 1

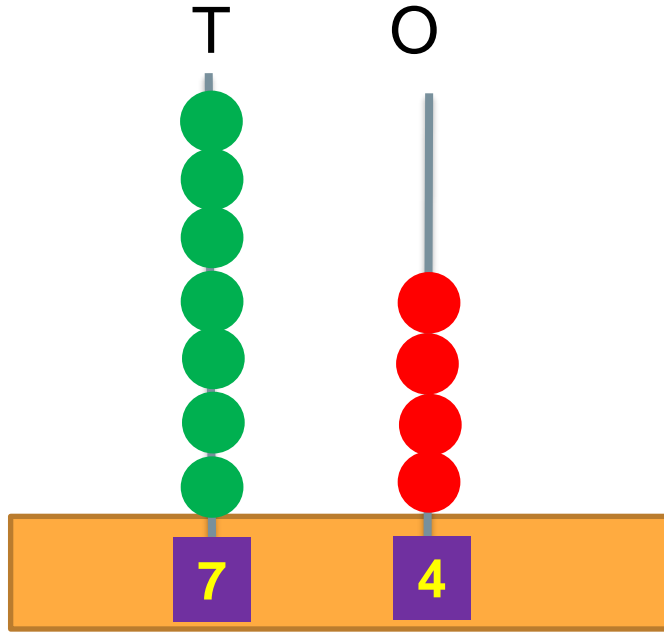


Activity- 1

Consider number 74

7 is in tens place, so, the value of 7 is $7 \times 10 = 70$.

4 is in ones place, so, the value of 4 is $4 \times 1 = 4$.



Let's represent the number 74 on an abacus.

Activity- 2

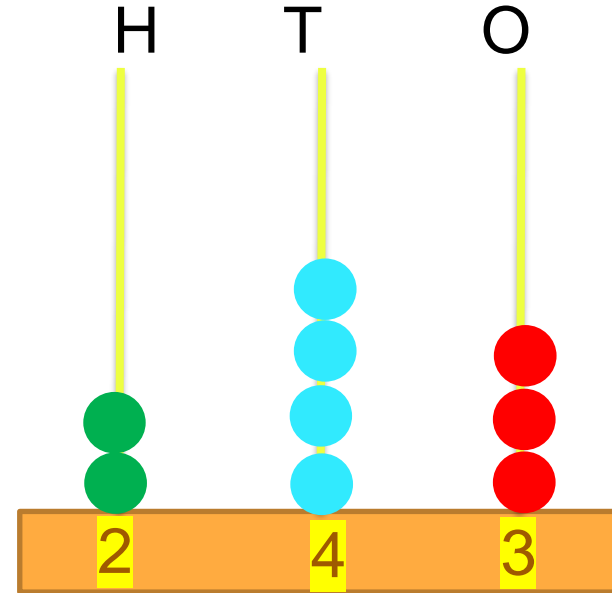
Consider number 243

2 is in Hundreds place, so, the value of 2 is $2 \times 100 = 200$.

4 is in tens place, so, the value of 4 is $4 \times 10 = 40$.

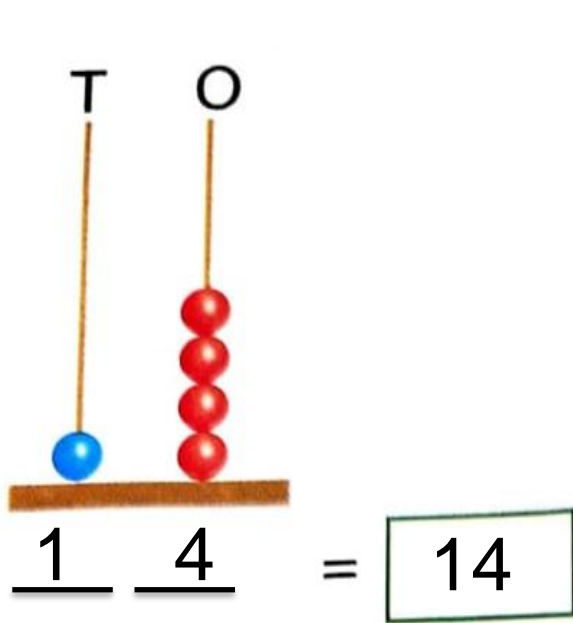
3 is in ones place, so, the value of 3 is $3 \times 1 = 3$.

Let's represent the number 243 on an abacus.

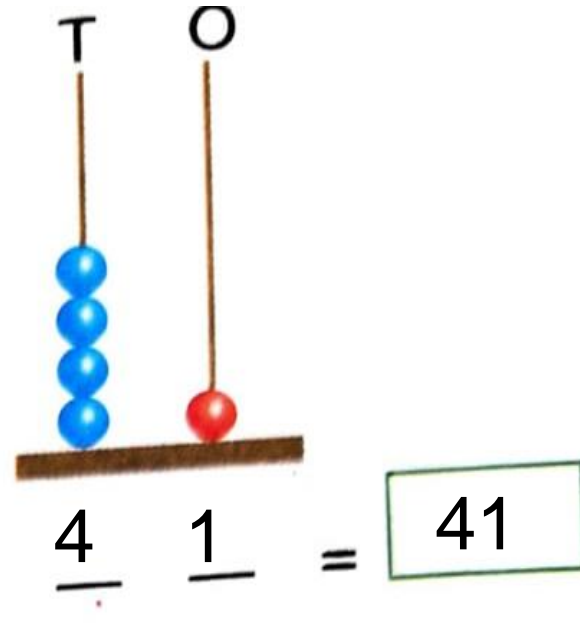


Today's class work

a)

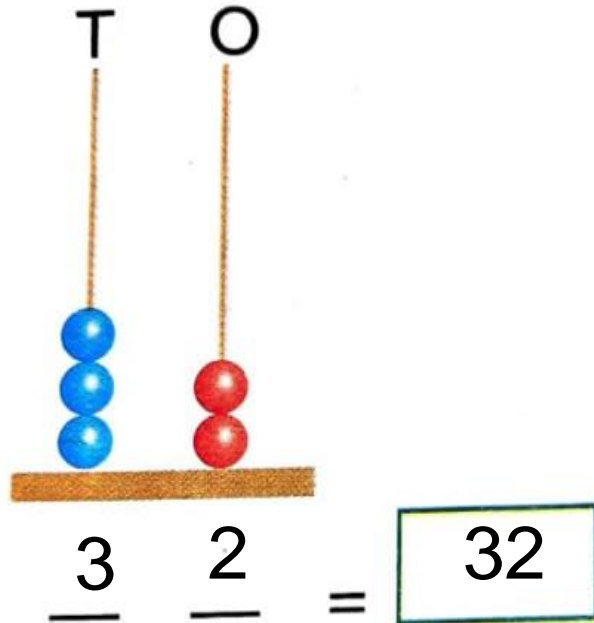


b)

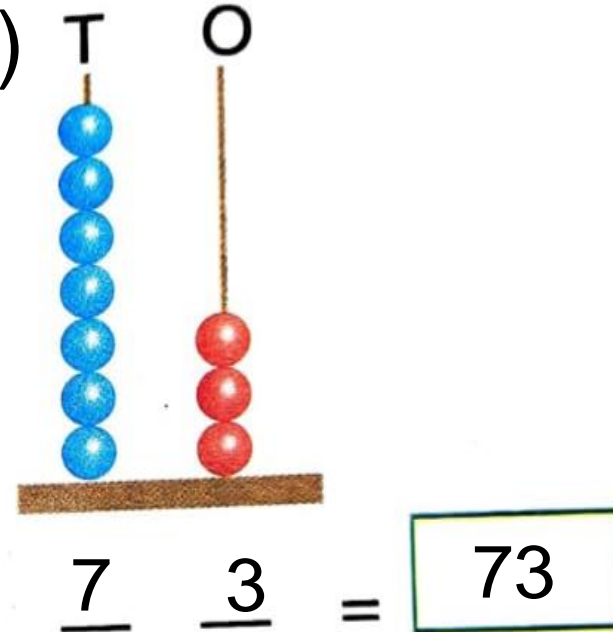


Today's class work

c)

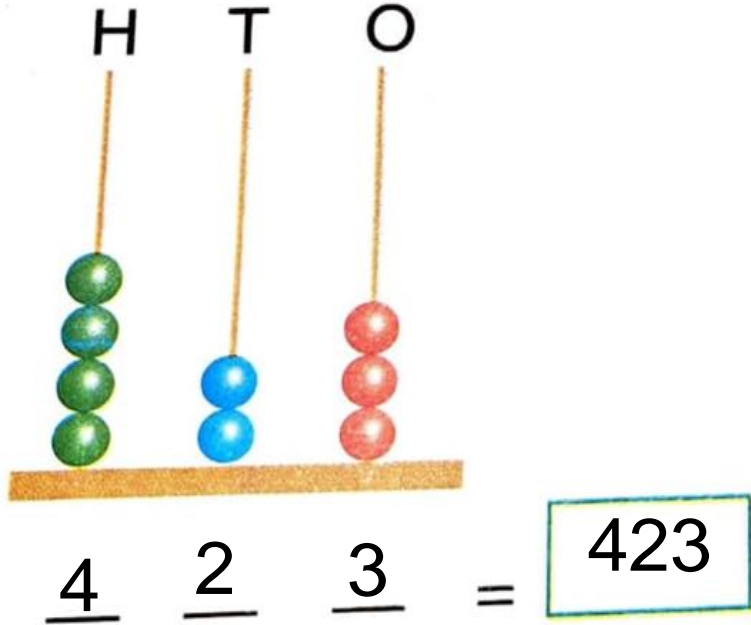


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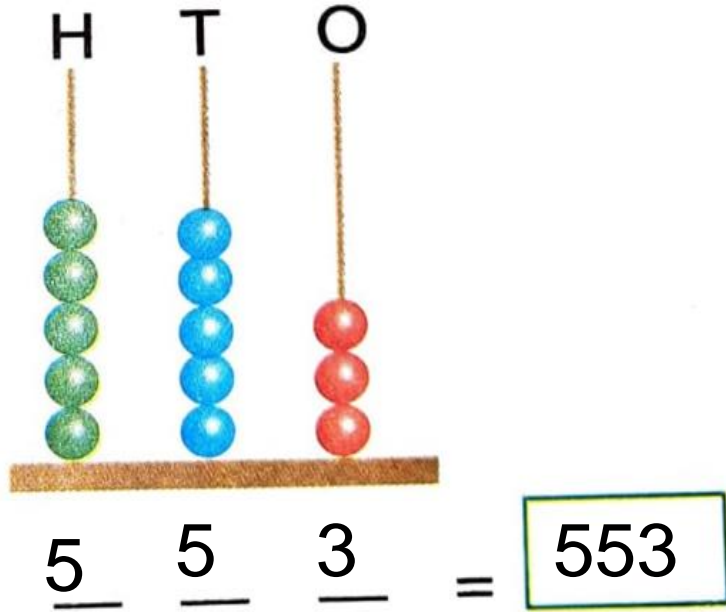


Today's class work

e)



f)



| SUB | HOME ASSIGNMENT |
|--------------------|------------------------------|
| Mathematics | Practice book page 40 |

LEARNING OUTCOME :

The learners are now able to know the value of a particular digit by using an abacus.

THANKING YOU
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