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SESSION : 15
CLASS : I
SUBJECT : MATHEMATICS
CHAPTER NUMBER:5
CHAPTER NAME :PLACE VALUE AND FACE VALUE
SUBTOPIC : 5.3- PLACE VALUE USING ABACUS

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LEARNING OBJECTIVE :

Learners will be able to know the place value system with the help of Abacus which improves the skills of Visualization, Concentration, Listening Skills, Memory, Speed, Accuracy, Creativity, Self Confidence, Self-Reliance resulting in Whole Brain Development.

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

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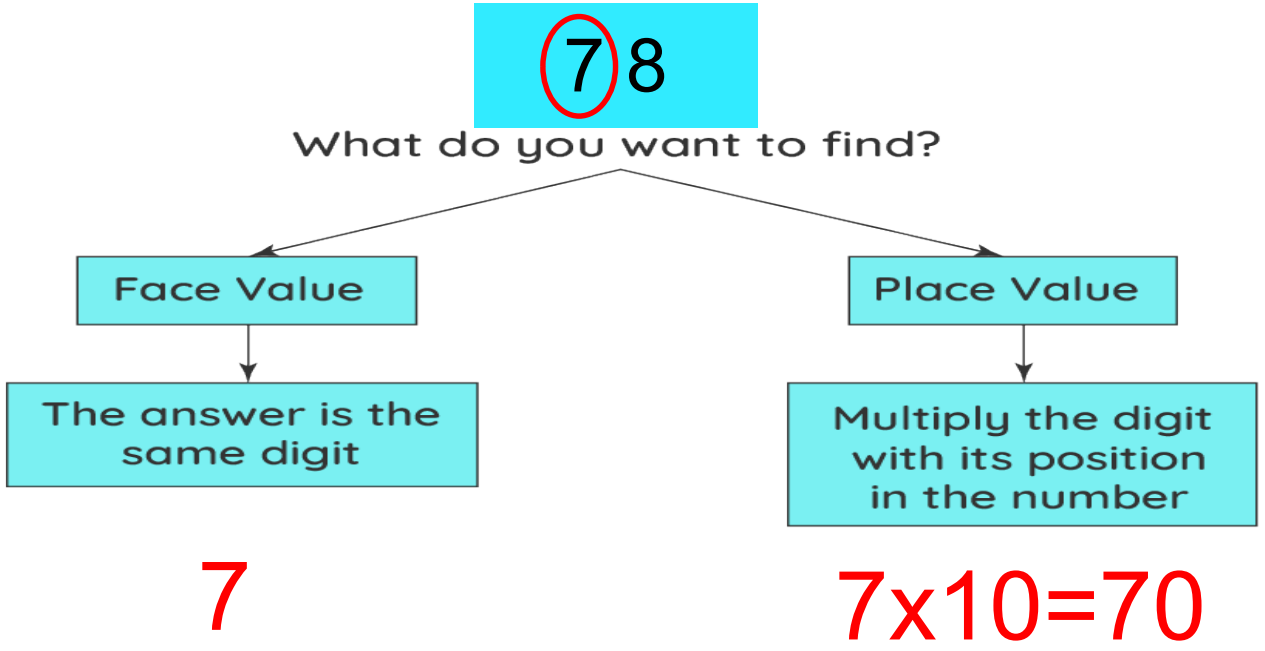
DIFFERENCE BETWEEN PLACE VALUE AND FACE VALUE



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

Number	Face Value	Place Value
65	6	6x10=60
83	3	3x1=3
70	0	0x1=0
58	8	8x1=8
95	9	9x10=90
27	7	7x1=7
39	3	3x10=30

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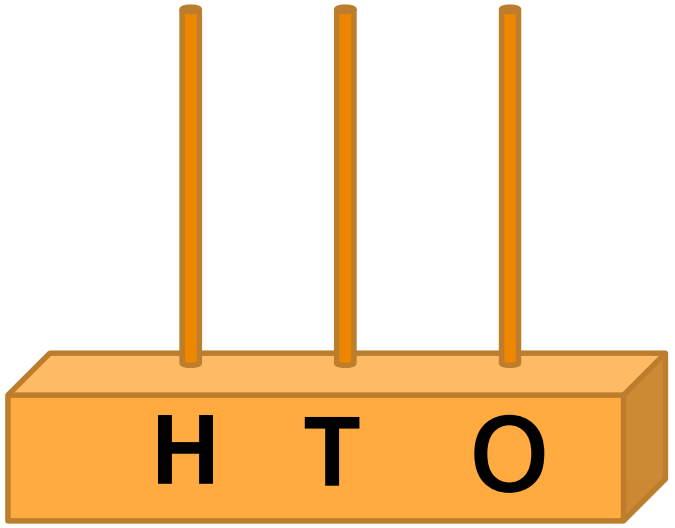
FACE VALUE USING ABACUS

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.



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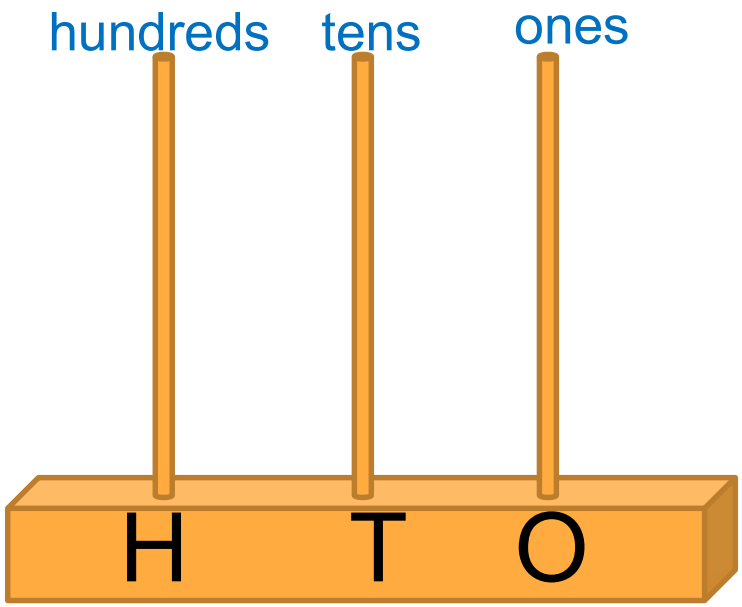
PLACE VALUE USING ABACUS

O stands for ones

T stands for tens

H stands for hundreds



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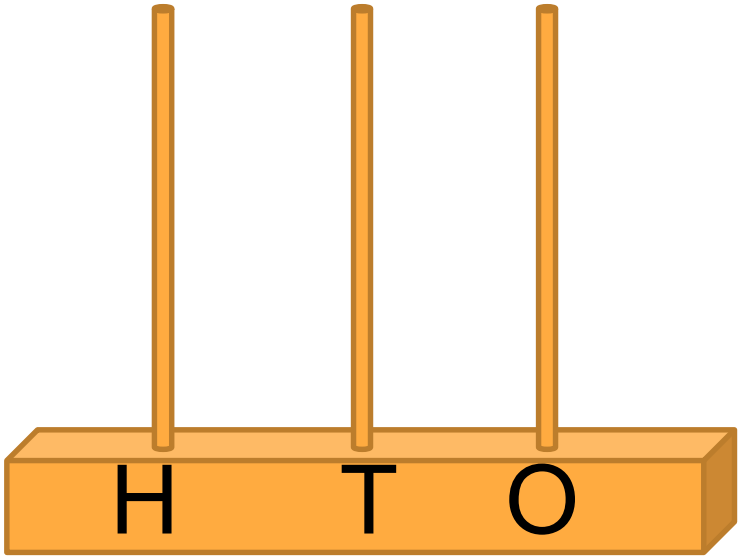
PLACE VALUE USING ABACUS

The place value of a digit in hundreds place = the digit x 100

The place value of a digit at tens place = the digit x 10

The place value of a digit at ones place = the digit x 1

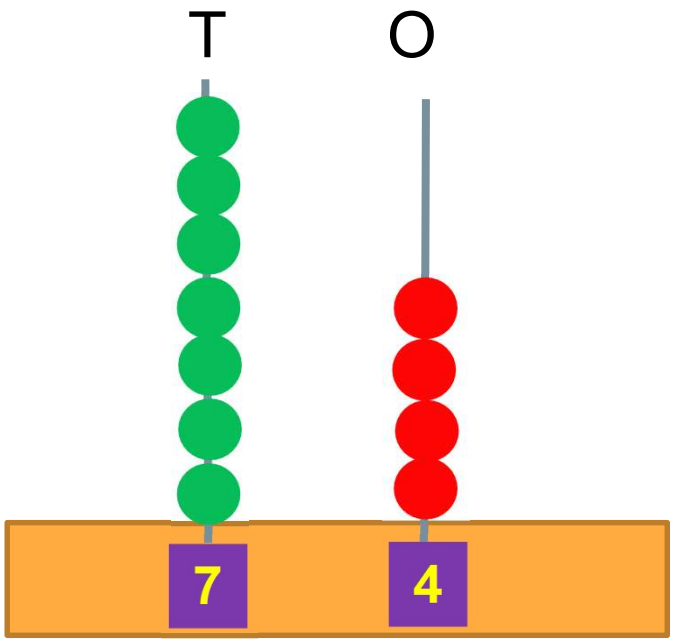


Activity- 1

Consider number 74

7 is in tens place, so, the value of 7 is 7 x 10 = 70.

4 is in ones place, so, the value of 4 is 4 x 1 = 4.



Let's represent the number 74 on an abacus.

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Activity- 2

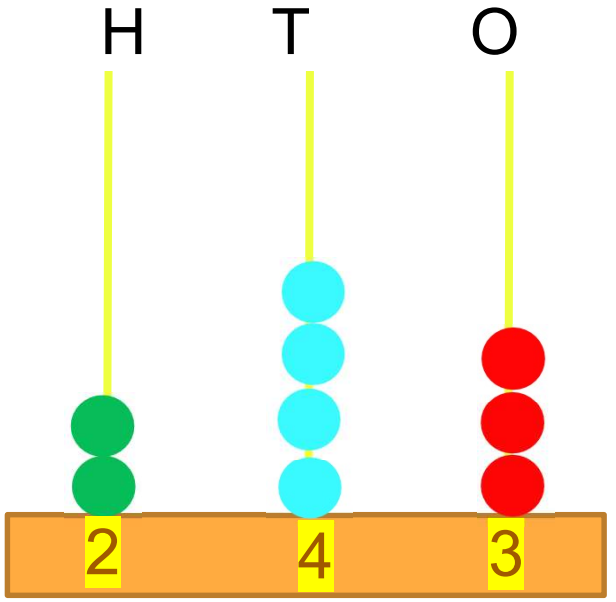
Consider number 243

2 is in Hundreds place, so, the value of 2 is 2 x 100 = 200.

4 is in tens place, so, the value of 4 is 4 x 10 = 40.

3 is in ones place, so, the value of 3 is 3 x 1 = 3.

Let's represent the number 243 on an abacus.



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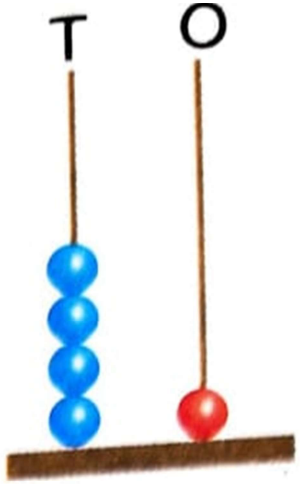
Today's class work

a)

1 4 = 14

b)



4 1 = 41

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Today's class work

c)

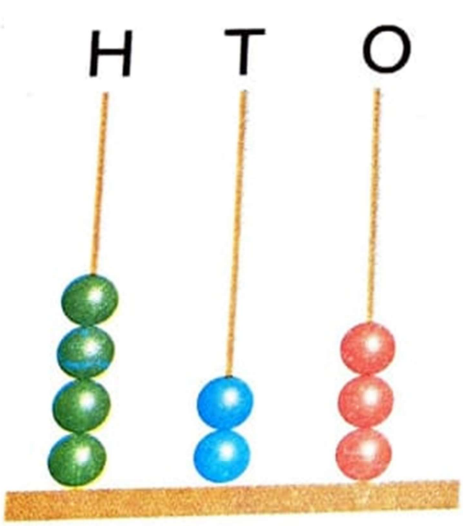
3 2 = 32

d)

7 3 = 73

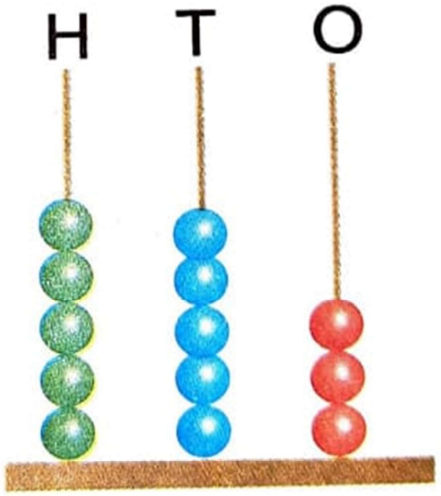
Today's class work

e)



4 2 3 = 423

f)



5 5 3 = 553

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SUB	HOME ASSIGNMENT
Mathematics	Practice book page 40

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LEARNING OUTCOME :

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

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THANKING YOU

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