

BISHOP WESTCOTT GIRLS' SCHOOL
DORANDA, RANCHI
Subject: ABACUS
CLASS 1

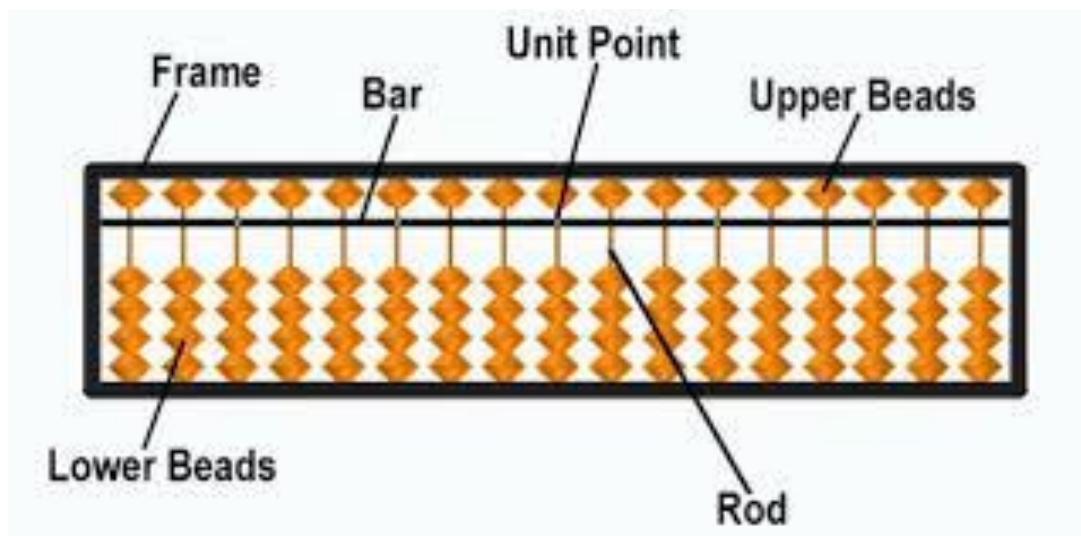
INTRODUCTION TO ABACUS

Q.1 Answer the following questions:

1. What is an Abacus?

Ans: An abacus is a calculating tool. It is also called a counting frame. It was invented in China. It is used for counting and mathematical calculations like addition, Subtraction.

ABACUS SCALE



2. What are the basic rules of Abacus?

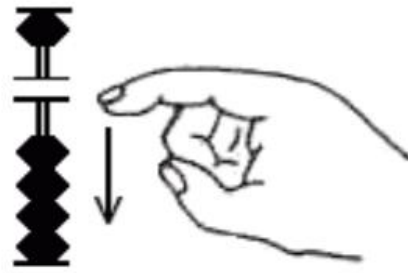
Ans: To work on Abacus we have some certain rules that we must follow:

- a) Placing of Abacus: Always place Abacus scale on flat surface.
- b) Holding of Abacus: Always hold the Abacus scale in your left hand with little finger, using finger and thumb.
- c) Holding of Pencil: Always hold the pencil in your right hand with your little finger, ring finger and middle finger like a gun.

3. How to do finger movement while moving beads?



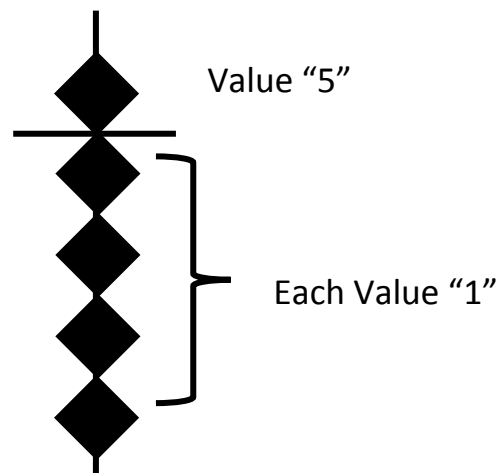
(Pic a)



(Pic b)

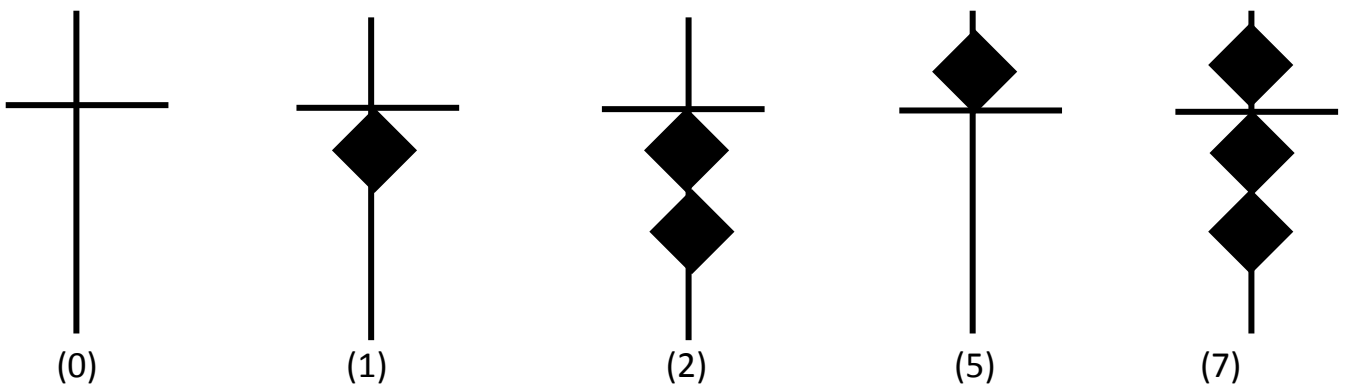
- In case of units place rod, to add lower beads use right hand thumb. (Pic a)
- To less lower beads use Index finger of right hand. (Pic b)

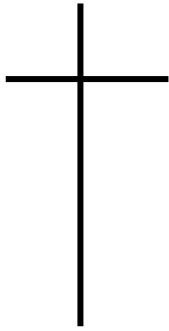
Ones Rod



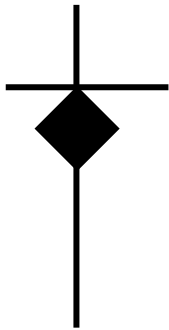
The upper bead is Ones Rod has the value "5". The lower bead is Ones Rod has the value "1" each.

For Example:





Here we can see there is no bead, the Rod is empty. So we have the value "0" here.

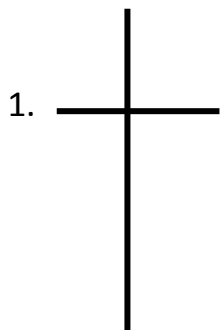


Divider / Bar

Here we can see that the bead is touching the bar or divider. Here there is one bead so the value is "1"

Note: The bead drawn should always touch the bar / divider.

Q. Draw the beads from 0 to 9 in ones rod. (3 times)

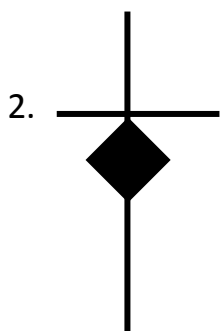


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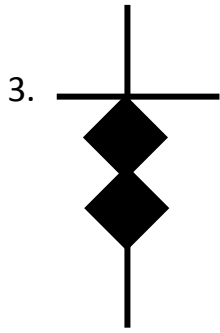


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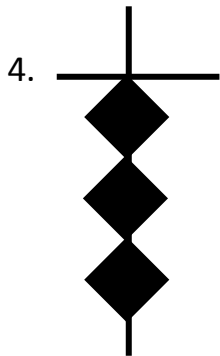


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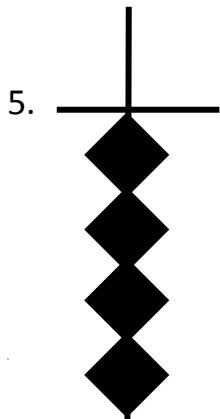


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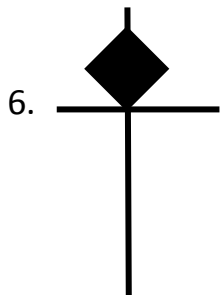


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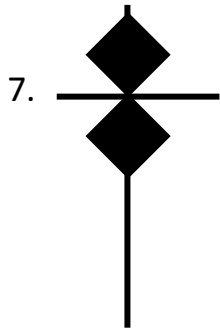


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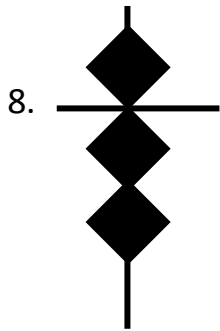


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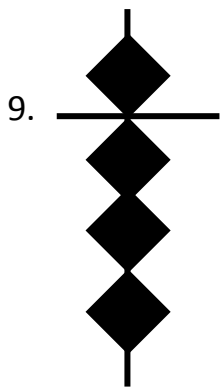


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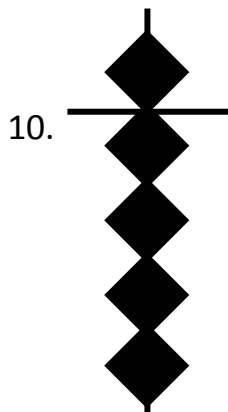


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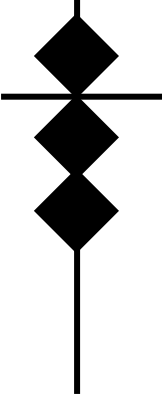
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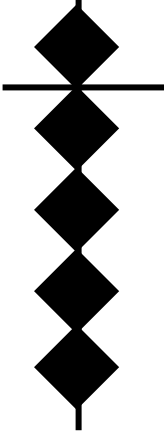
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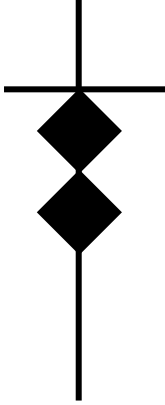
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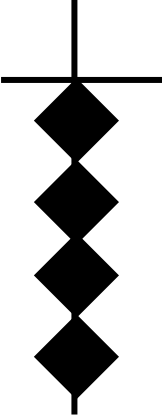
Q. Write the value of beads from 0 to 9 in one's rod.

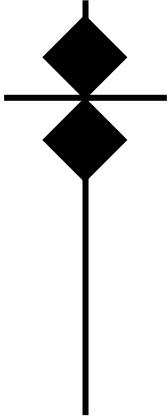
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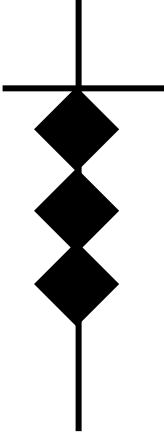
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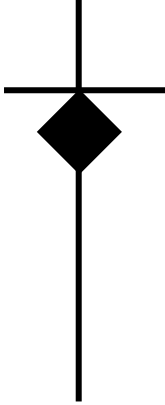
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