Example： $306 \times 4=1224$
Choose rod H to be the unit rod．There is one number in the multiplier and three in the multiplicand for a total of four．Count off four rods to the left ending up at rod D．Set the multiplicand so that first number in the multiplicand falls on rod D ．Now the unit number in the product will fall neatly on rod H ．

Step 1：Set the multiplicand 306 on rods DEF and the multiplier 4 on A．（Fig．1）


Step 1


Fig． 1
Step 2：Multiply 6 on F by 4 on A and add the product 24 on rods GH immediately to the right of the multiplicand．

2a：Having finished with this part of the multiplicand（the 6 on F）clear it from the soroban leaving 3 on rod D and the partial product 24 on rods GH．（Fig．2）


Fig． 2

Step 2


Step 3：Multiply the 3 on D by the 4 on A and add the product 12 on rods EF immediately to the right of the multiplicand．

3a and the answer：Clear the 3 on D from the soroban leaving the answer 1224 on rods EFGH．（Fig．3）


Step 2

Fig． 3


Example： $426 \times 0.35=149.1$
Choose rod H to be the unit rod．There are no whole numbers in the multiplier but there are three in the multiplicand．Therefore count off 3 rods to the left ending up at rod E ．Set the multiplicand so that first number in the multiplicand falls on rod E ．Now the unit number in the product will fall neatly on rod H ．

Step 1：Set the multiplicand 426 on rods EFG and the multiplier 35 on AB．（Fig．4）


Fig. 4
Step 2: Multiply 6 on G by 3 on A and add the product 18 on rods HI immediately to the right of the multiplicand.
2a: Next multiply 6 on G by 5 on B and add the 3 (of 30) to rod I.
2b: Having finished with the 6 on $G$ clear it from the soroban leaving 42 on rods EF and the partial product 21 on rods HI. (Fig.5)

Step 2



Step 3: Multiply 2 on F by 3 on A and add the product 06 on rods GH immediately to the right of the multiplicand.
3a: Next multiply 2 on F by 5 on B and add the product 10 to rods HI .
3b: Having finished with the 2 on $F$ clear it from the soroban. This leaves 4 on rod $E$ and the partial product 91 on rods HI. (Fig.6)

## Step 3



| A B C DEFGHI |  |
| :---: | :---: |
| 350042021 |  |
|  |  |
| + 06 | Step 3 |
| 350042081 |  |
| + 10 | Step 3a |
| $\begin{array}{lll}350 \\ \text { clear } & \\ \\ (-2)\end{array}$ |  |
|  | Step 3b |
| 35004009 |  |

Step 4: Multiply 4 on E by 3 on A and add the product 12 on rods FG immediately to the right of the multiplicand.
4a: Next multiply 4 on E by 5 on B and add the product 20 to rods GH .
4b and the answer: Having finished with the 4 on E clear it from the soroban. This leaves 1491 on rods FGHI. Because we designated rod H as the unit, the answer reads 149.1 (Fig.7)

Step 2


