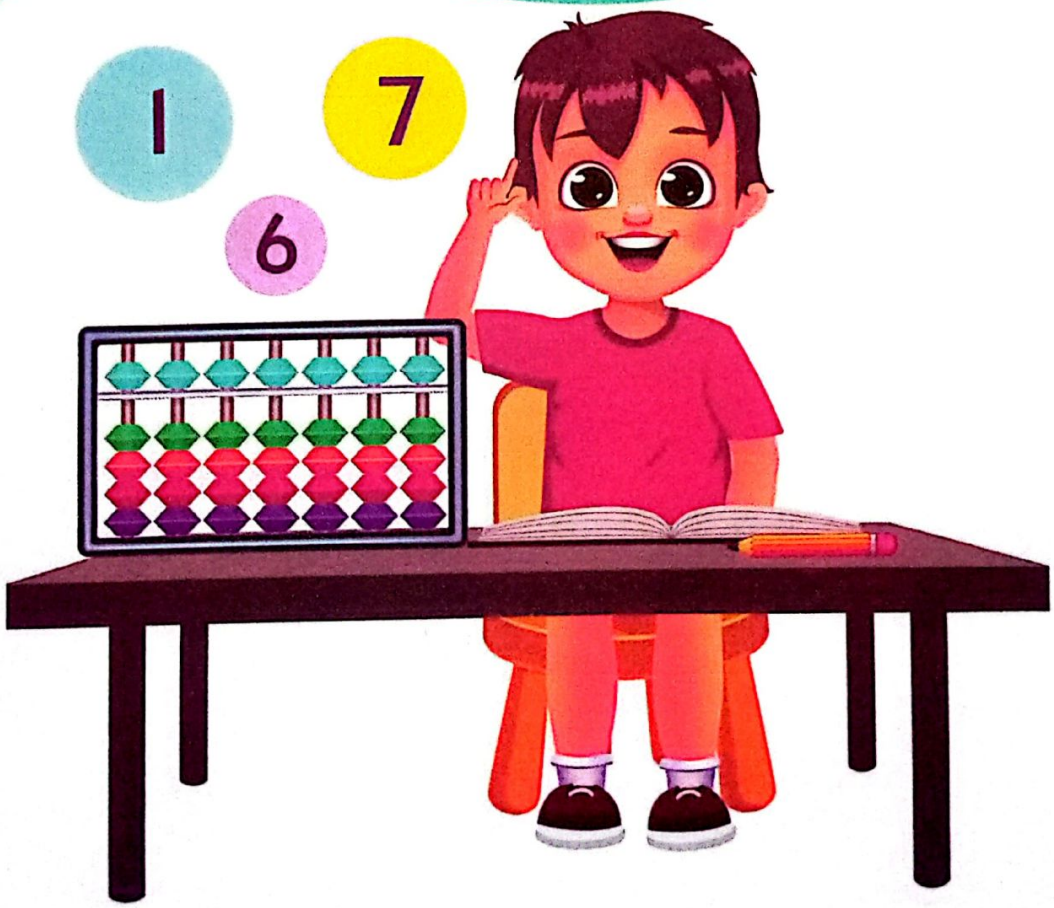
WORLD'S KEY

Sorobon

LEVEL 1





WORLD'S KEY

SOROBAN

LEVEL 1

2024

SOROBAN

TABLE OF CONTENTS

6 LESSON 1

10 LESSON 2

14 LESSON 3

18 LESSON 4

22 LESSON 5

26 LESSON 6

30 LESSON 7

34 LESSON 8

38 LESSON 9

42 LESSON 10

46 LESSON 11

50 LESSON 12

54 LESSON 13

58 LESSON 14

62 LESSON 15

66 LESSON 16

70 LESSON 17

74 LESSON 18

78 LESSON 19

82 LESSON 20

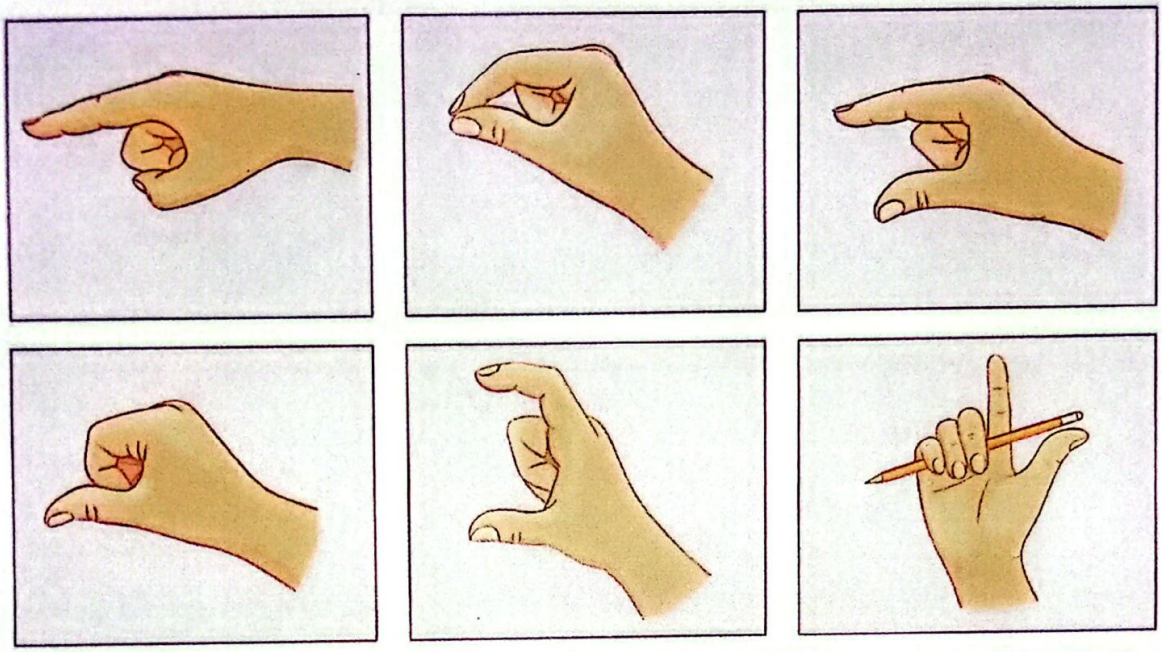
86 LESSON 21

90 LESSON 22

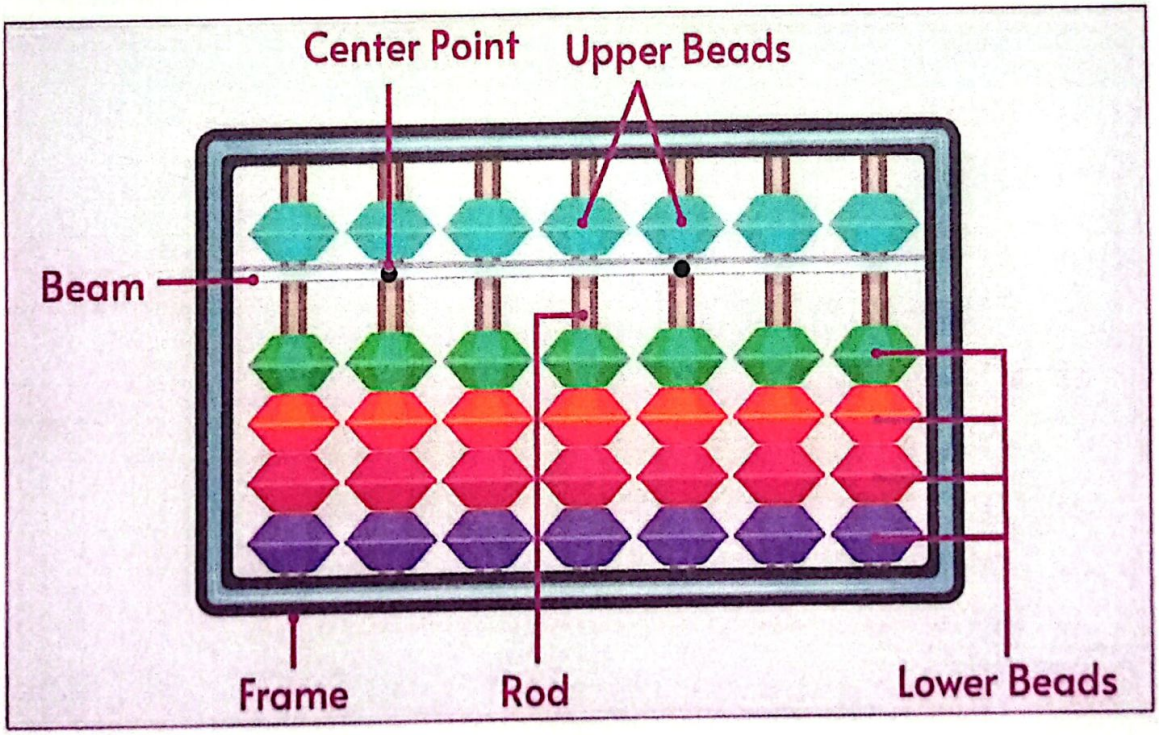
94 LESSON 23

98 LESSON 24

Finger Position



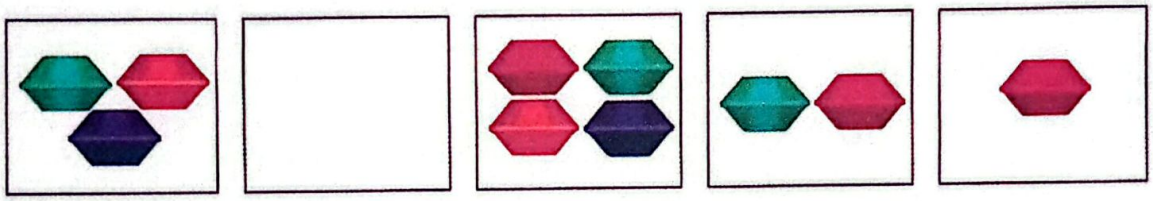
Soroban Parts



A. Draw and color the soroban.

A. Observe, trace, and then match.

0 1 2 3 4



B. Trace, and then copy the numbers below.

0 0 0 _____ _____ _____

1 1 1 _____ _____ _____

2 2 2 _____ _____ _____

3 3 3 _____ _____ _____

4 4 4 _____

C. Trace, and then copy the numbers below.

0 _____ _____ _____ _____

1 _____ _____ _____ _____

2 _____ _____ _____ _____

3 _____ _____ _____ _____

4

D. Speed Writing (0 to 4)

1.

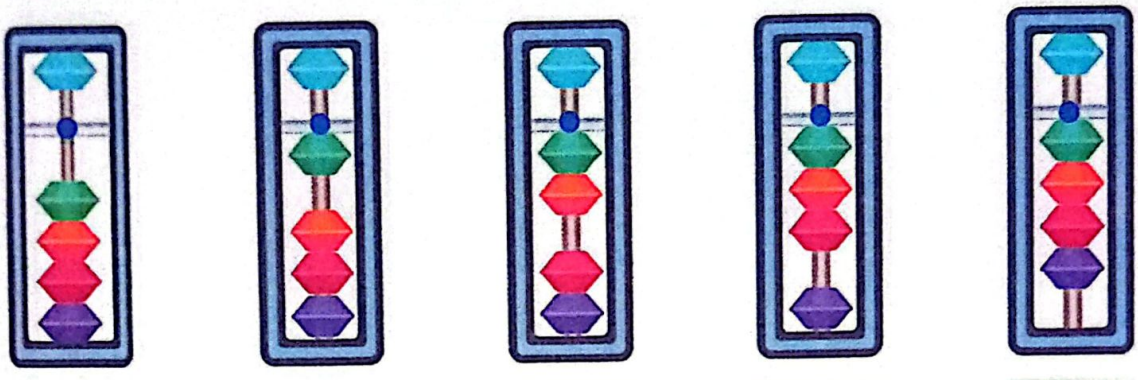
2.

3.

4.

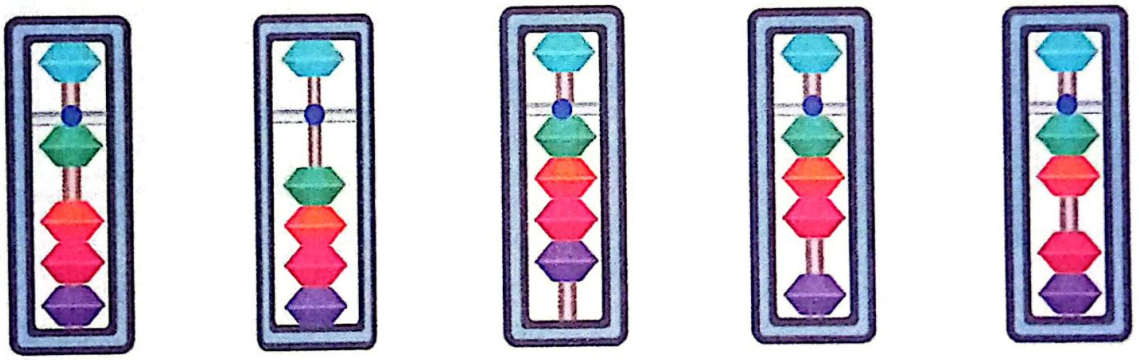
LESSON 2

● Read the numbers with your sensei.

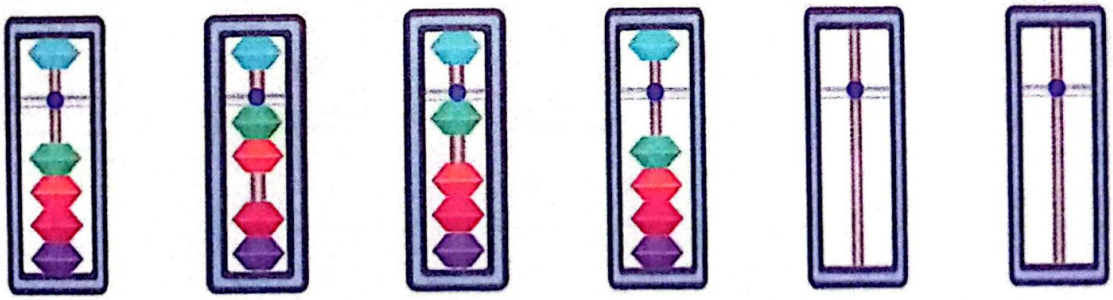


0	1	2	3	4

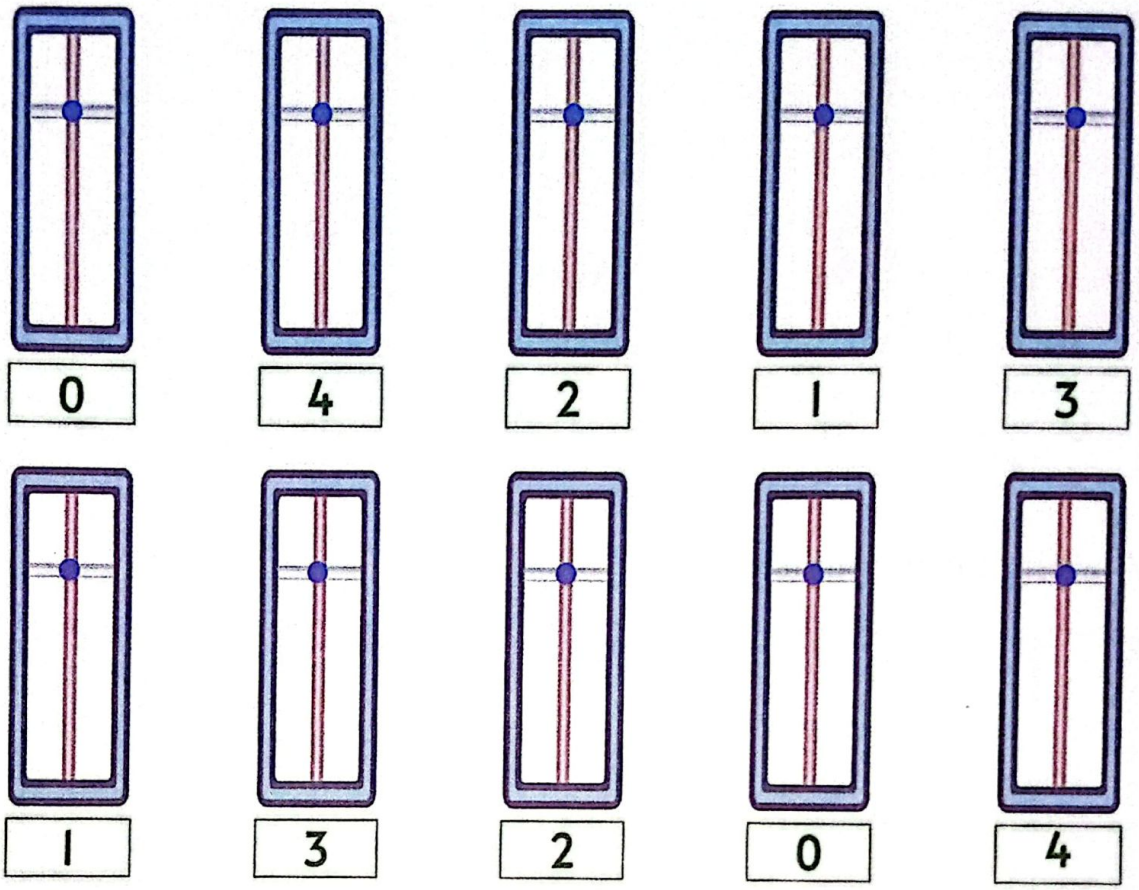
A. Write the numbers.



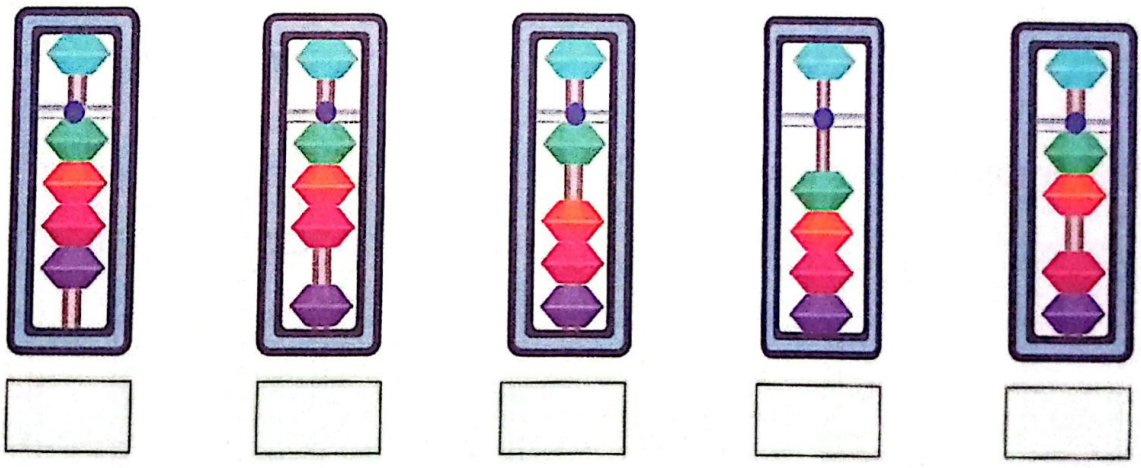
B. Complete the following pattern.



C. Draw beads according to the given number.



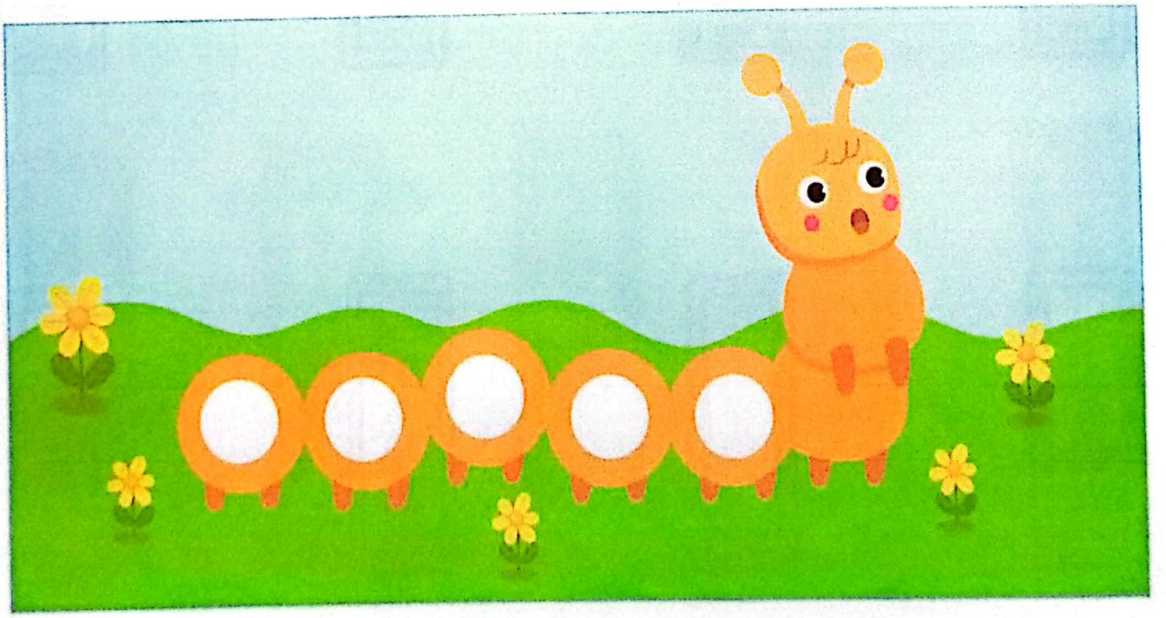
D. Write the numbers.



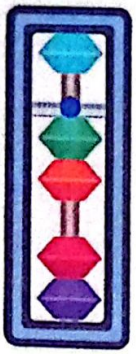
A. Draw your own soroban with a number of your choice.

	Number

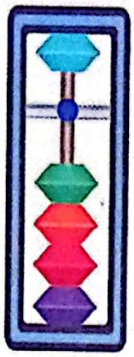
B. Write the numbers in descending order from 4 to 0.



C. Color the correct answer.



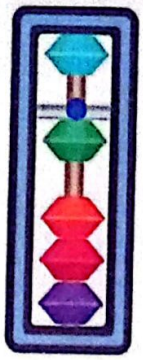
(2)(4)(3)



(1)(0)(2)

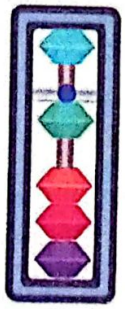


(0)(1)(4)



(2)(1)(3)

D. Match.

















A. Trace, and then copy the numbers below.

5 5 5 _____ _____ _____

6 6 6

7 7 7 _____ _____ _____

8 8 8 _____ _____ _____

9 9 9

B. Copy the numbers below.

5 6 7 8 9

_____ _____ _____ _____ _____

8 9 6 7 5

_____ _____ _____ _____ _____

C. Speed Writing (5 to 9)

1.

2.

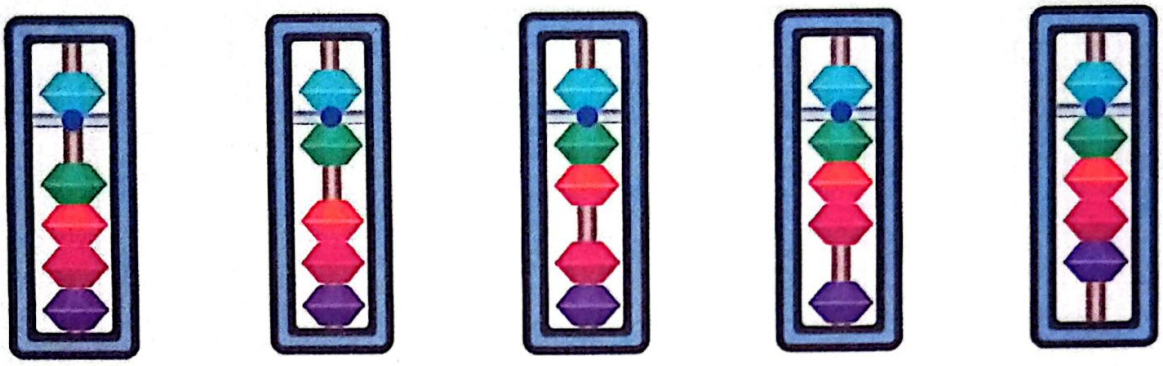
3.

4.

D. Write the missing numbers.



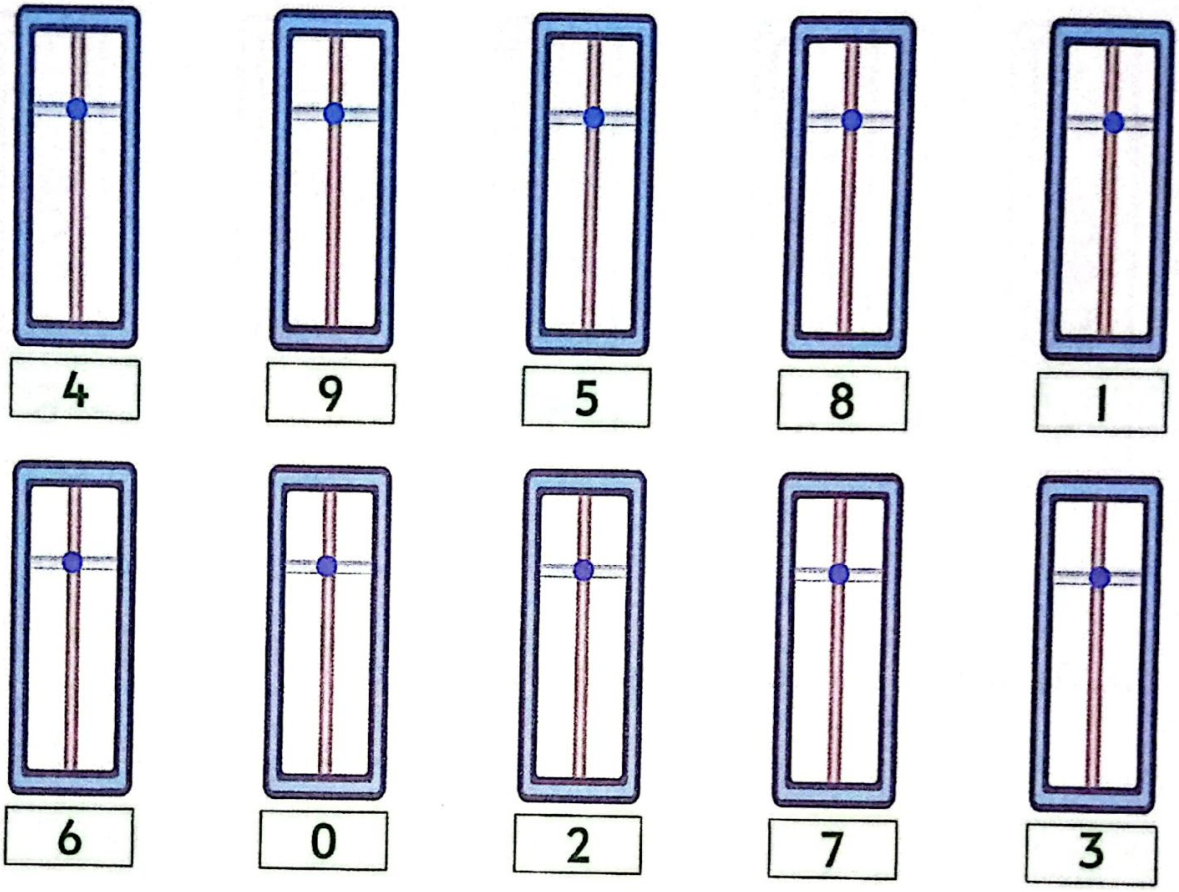
● Read the numbers with your sensei.



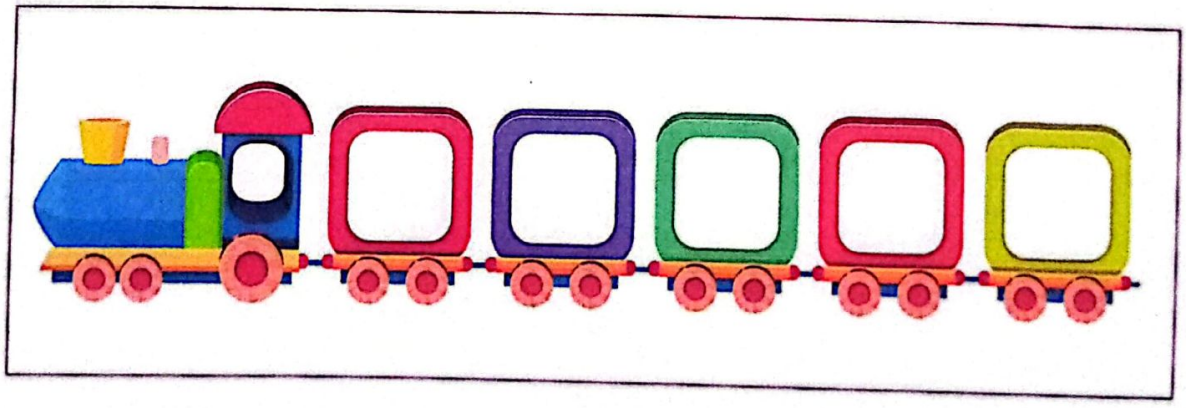
5	6	7	8	9

A. Draw your own soroban with number 7 on it.

B. Draw beads according to the given number.

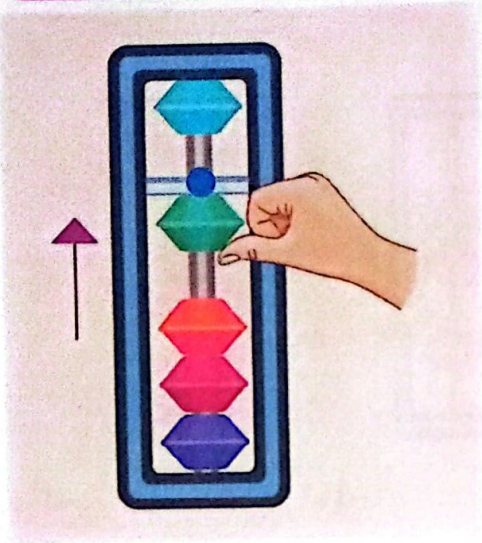


C. Write the numbers in descending order from 9 to 5.



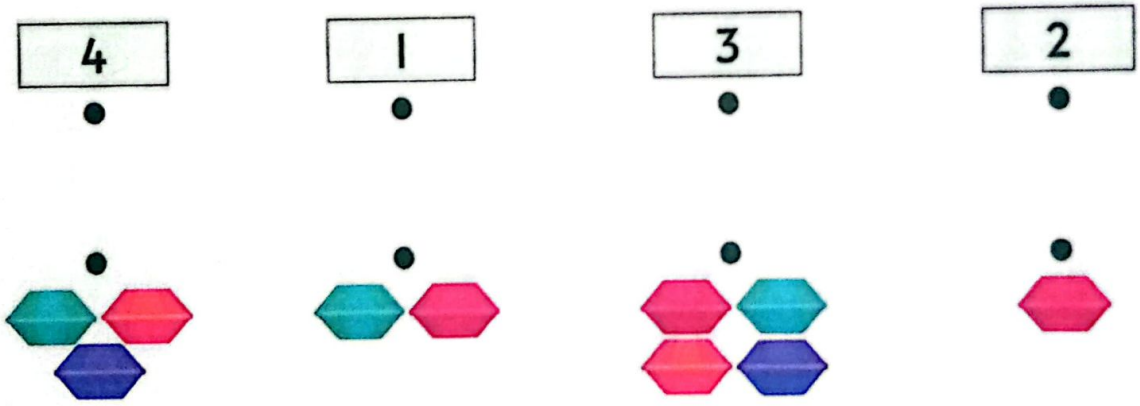
LESSON 4

Introduction





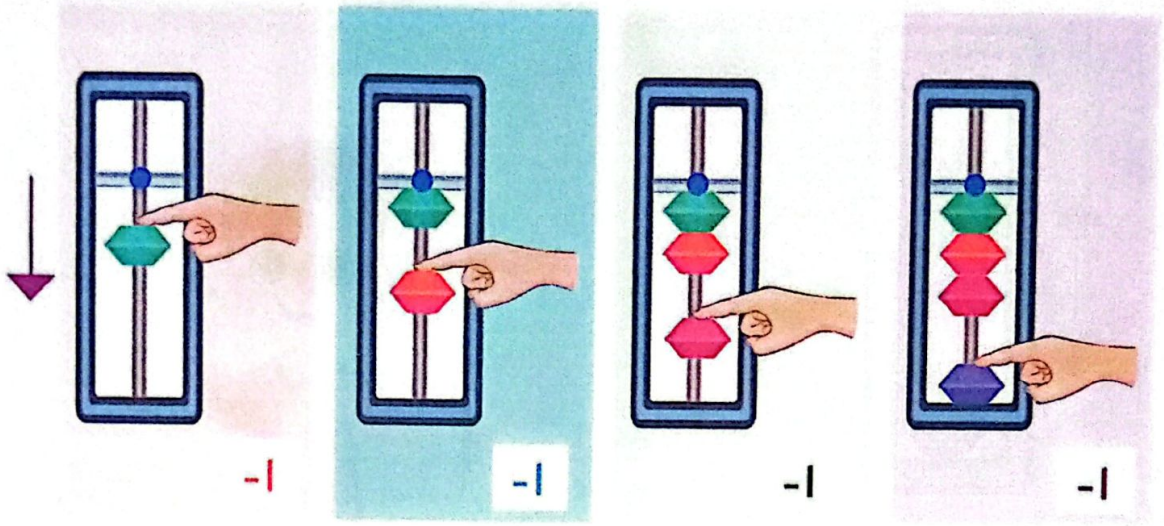
A. Match.



B. Calculate using the  **.**

1	2	3	4	5
1 1	1 2	1 3	1 2	1 3

Introduction



C. Find number 1.

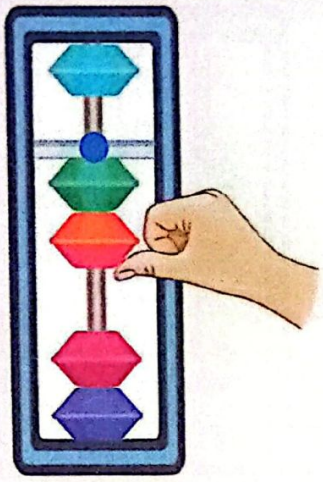
6	1	4	1	8	4	1	1		
1	3	9	1	2	1	1	7	3	

D. Calculate using the .

1	2	3	4	5	6	7	8	9	10
1	1	1	2	3	4	2	3	4	1
1	2	3	-1	-1	-1	2	1	-1	-1
1	-1	-1	-1	-1	1	-1	-1	-1	1

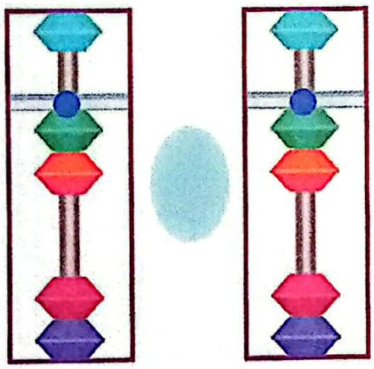
LESSON 4

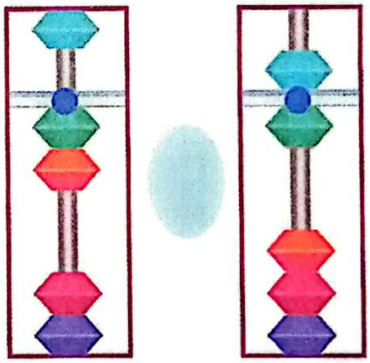
Introduction





A. Compare the beads, and then write = or ≠.

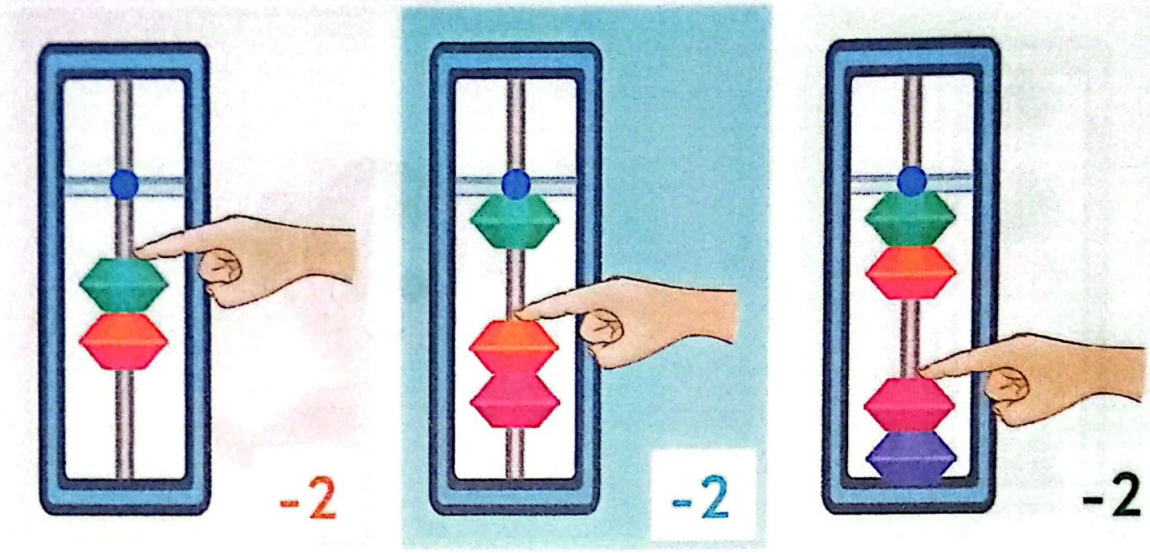




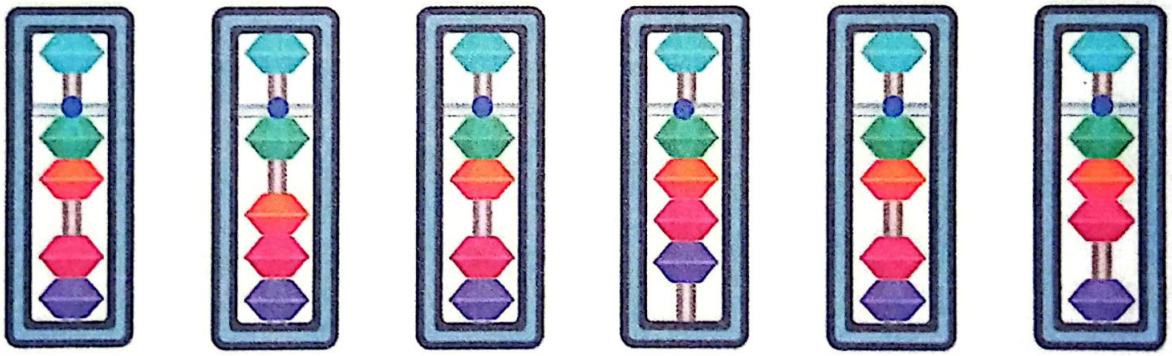
B. Calculate using the .

1	2	3	4	5
2 2	2 1	1 2	2 -1	3 -1

Introduction



C. Circle the sorobans with number 2.

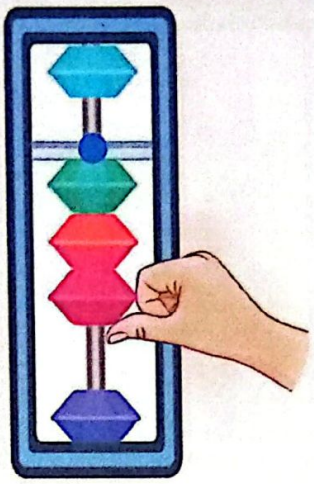


D. Calculate using the .

1	2	3	4	5	6	7	8	9	10
2 -2 2	4 -1 -2	3 -2 2	2 -1 2	2 2 -1	2 2 -2	3 -1 -2	4 -2 -2	2 -1 -1	1 -1 2

LESSON 5

Introduction





A. Complete each pattern.

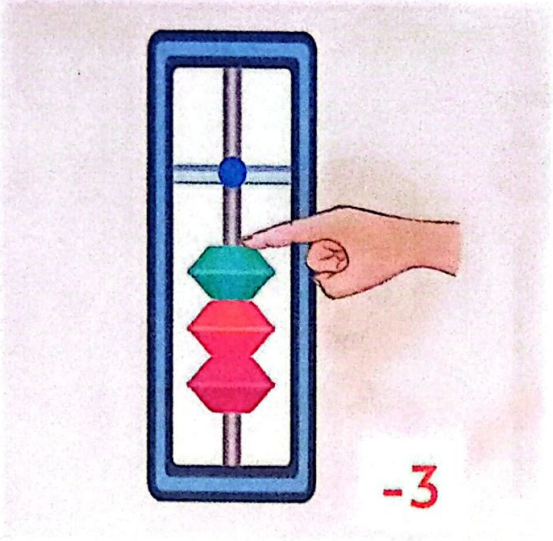
1. 1 2 3 1 _____ _____ _____ _____ _____

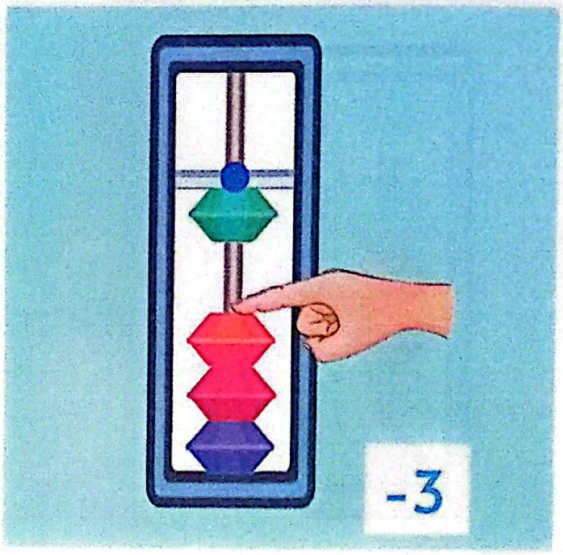
2.  _____ _____ _____ _____ _____

B. Calculate using the .

1	2	3	4	5
1 3	3 1	3 -1	3 -2	2 -1

Introduction

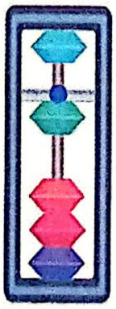




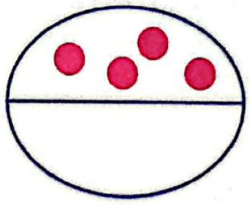
C. Circle the correct answer.



3 5



0 1



4 2



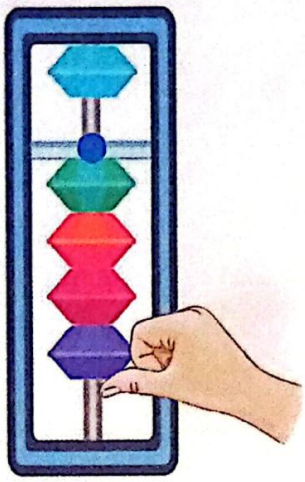
1 2

D. Calculate using the .

1	2	3	4	5	6	7	8	9	10
3	2	4	1	3	2	1	3	3	2
-3	2	-3	2	1	-1	3	-2	-3	1
1	-3	2	-3	-3	3	-3	3	2	-3

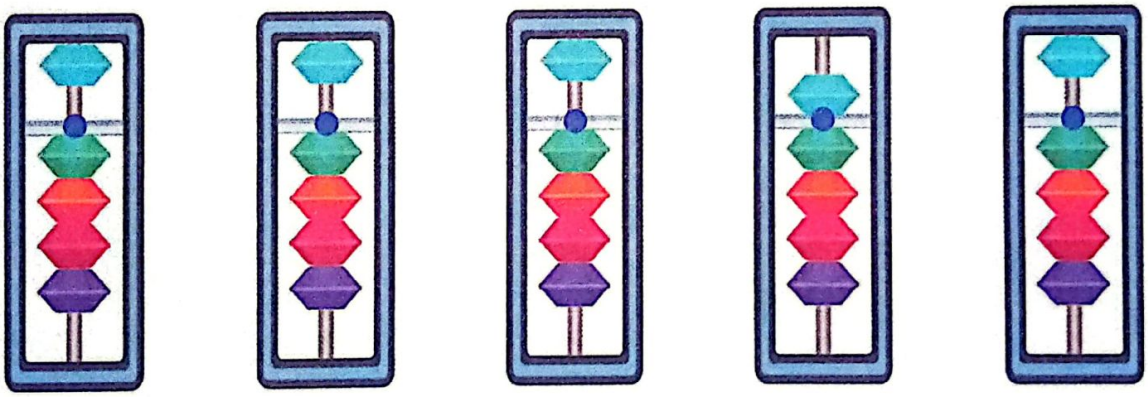
LESSON 5

Introduction





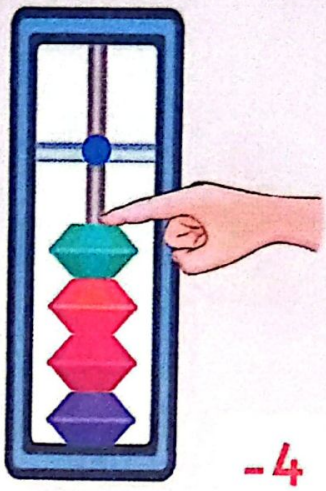
A. Cross out the intruder.



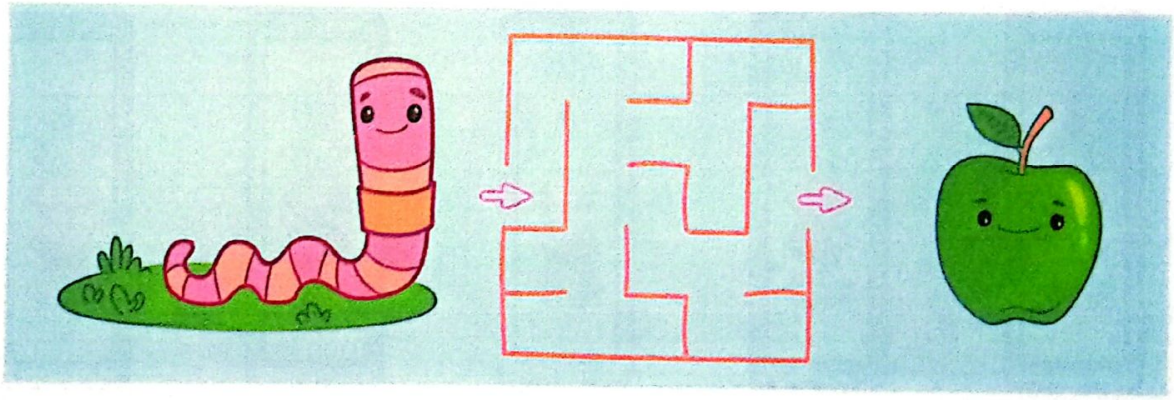
B. Calculate using the .

1	2	3	4	5
4 -4	4 -3	4 -2	4 -1	2 2

Introduction



C. Solve the maze.



D. Calculate using the .

1	2	3	4	5	6	7	8	9	10
1	2	3	4	3	2	4	1	3	2
3	2	1	-4	-2	-1	-1	1	-1	-2
-4	-4	-4	4	3	2	-3	2	2	4



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
1 1	1 2	1 3	2 1	3 1	2 2	1 -1	2 -1	3 -1	4 -1

B.

11	12	13	14	15	16	17	18	19	20
2 -2	3 -2	4 -2	3 -3	4 -3	4 -4	2 1	4 -2	3 1	2 2

C.

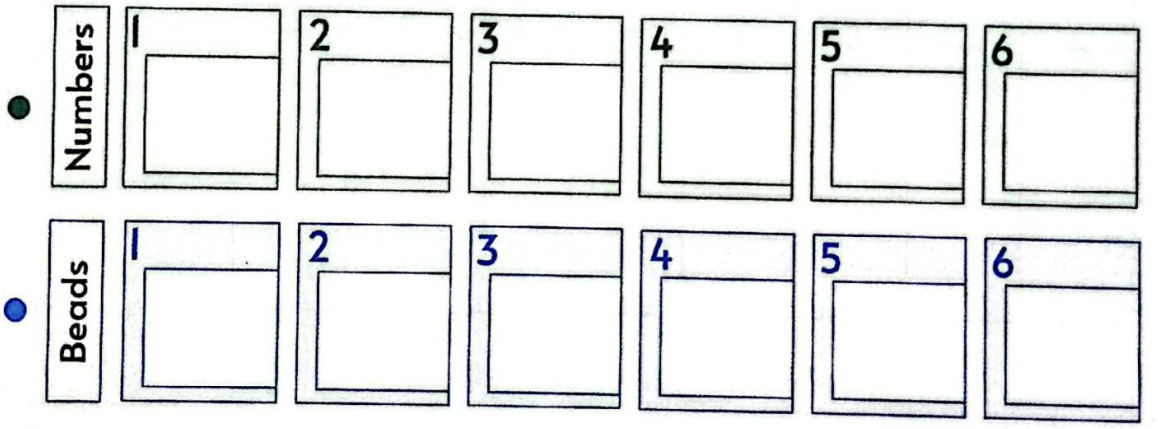
21	22	23	24	25	26	27	28	29	30
1 -1 1	2 -1 1	3 -1 1	4 -1 1	1 1 1	1 1 -2	1 2 -2	1 3 -2	4 -2 1	4 -3 2

D. Speed Writing

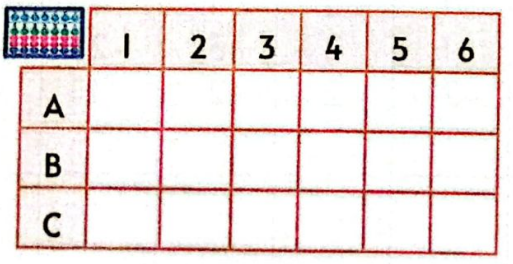
Score: _____

0123456789	9876543210

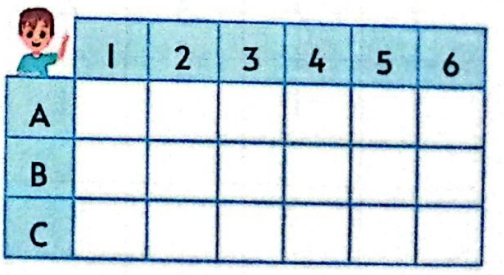
E. Memory Cards



F. Listening



	1	2	3	4	5	6
A						
B						
C						



	1	2	3	4	5	6
A						
B						
C						



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
2 -1 2	2 -2 2	2 2 -1	2 -2 3	2 2 -2	2 -2 4	2 2 -3	2 2 -4	2 1 1	2 -1 -1

B.

11	12	13	14	15	16	17	18	19	20
3 -1 1	3 -1 -1	3 -1 2	3 -2 1	3 -2 2	3 -2 3	3 -3 1	3 -3 2	3 -3 3	3 -3 4

C.

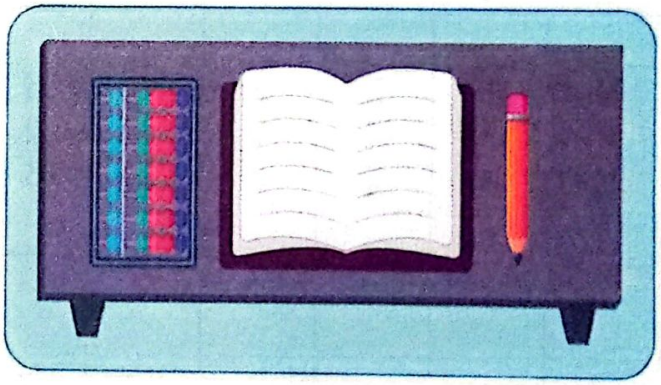
21	22	23	24	25	26	27	28	29	30
4 -1 -1	4 -1 1	4 -2 1	4 -2 2	4 -2 -2	4 -3 1	4 -3 2	4 -3 3	4 -4 4	4 -4 3

Ready Position

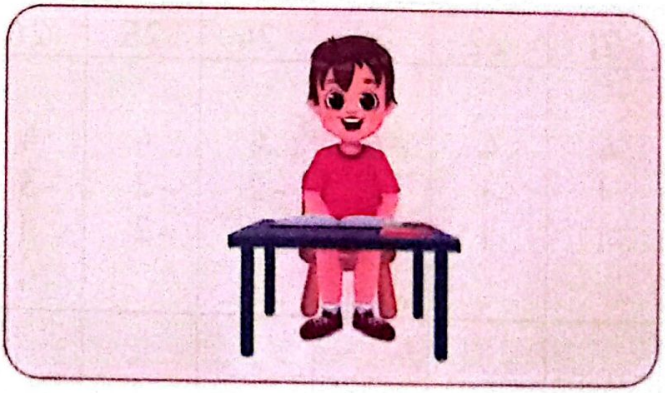
Step 1



Step 2



Step 3



LESSON 7



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
3 -2 3 -2	4 -1 -2 3	2 2 -1 -3	1 1 1 -1	4 -3 2 -3	1 2 -3 4	4 -3 2 1	3 -1 -1 2	1 3 -4 1	2 -1 2 -1

B.

11	12	13	14	15	16	17	18	19	20
1 2 1 -2	3 -3 2 2	4 -1 -2 1	2 2 -4 3	3 1 -2 -1	2 1 -3 1	1 -1 3 -1	4 -4 3 -2	3 -1 -1 -1	4 -3 2 -1

C.

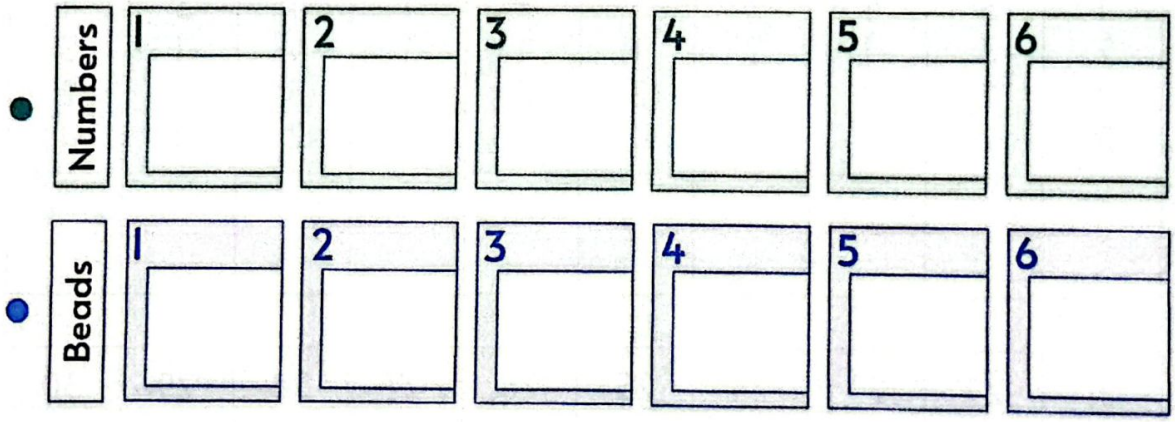
21	22	23	24	25	26	27	28	29	30
4 -1 -1 -1	2 2 -1 1	3 -1 2 -4	1 1 -2 3	2 -2 3 1	4 -3 1 1	3 1 -4 2	2 -1 3 -2	2 2 -3 2	4 -1 -3 1

D. Speed Writing

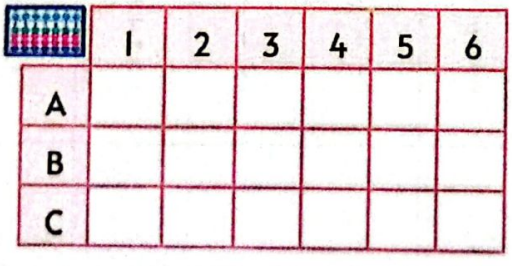
Score: _____

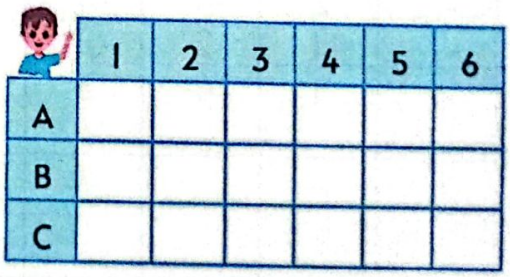
0123456789	9876543210

E. Memory Cards



F. Listening





LESSON 7



Training

Time: ( )

Mark: (/30)

A.

1	2	3	4	5	6	7	8	9	10
3 1	4 -1	3 -2	2 -1	4 -2	4 -4	3 -1	2 2	4 -3	1 -1

B.

11	12	13	14	15	16	17	18	19	20
1 2 1	3 1 -2	1 1 2	4 -2 1	2 2 -3	2 2 -4	4 -1 -3	3 1 -3	3 -2 -1	4 -4 4

C.

21	22	23	24	25	26	27	28	29	30
1 1 -1	1 3 -4	1 2 -3	3 -1 2	3 -2 1	4 -1 1	1 1 -2	3 -2 3	1 2 -1	4 -1 -1

D. Match each picture to its other half.











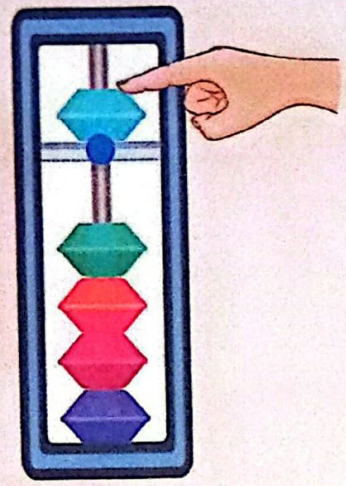






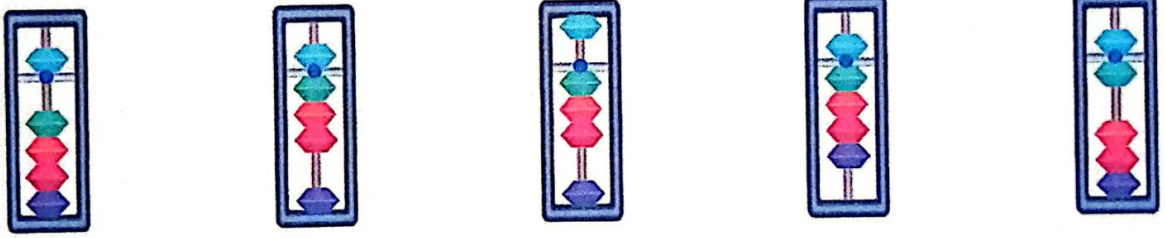
LESSON 8

Introduction





A. Match.

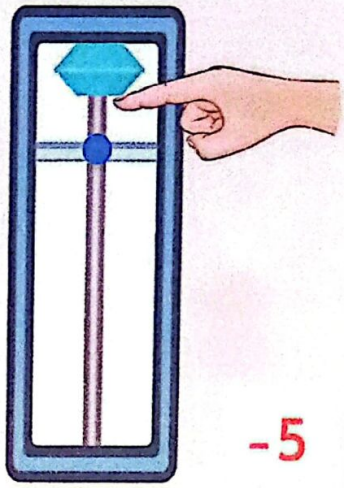


3 9 5 6 8

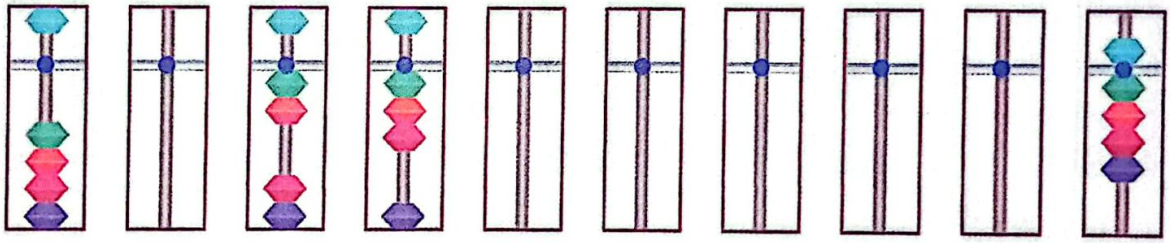
B. Calculate using the .

1	2	3	4	5
5 1	5 2	5 3	5 4	1 5

Introduction



C. Draw beads, and then write the numbers according to the given pattern.

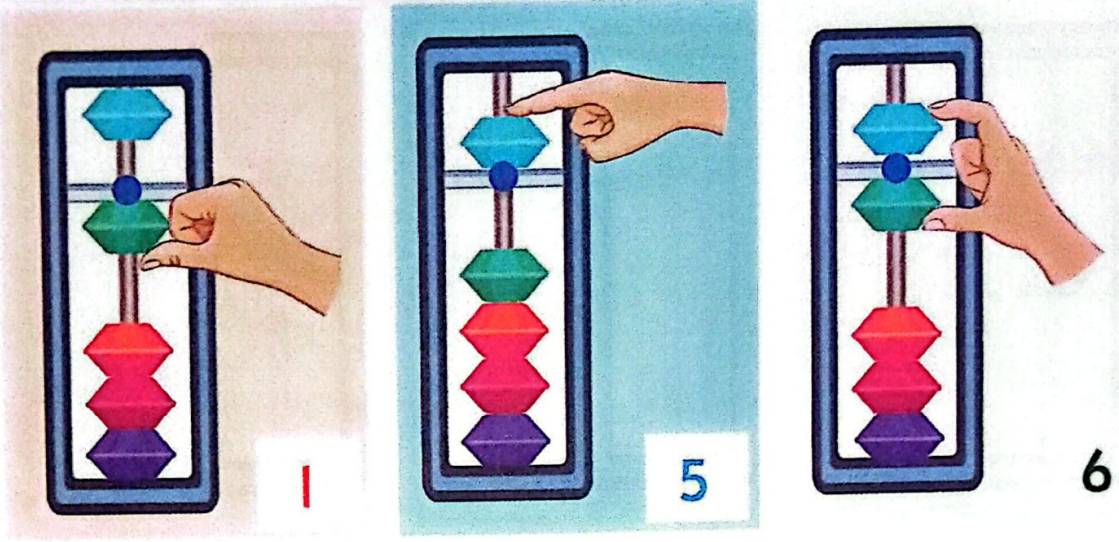


D. Calculate using the .

1	2	3	4	5	6	7	8	9	10
5	5	4	3	5	1	5	4	5	2
1	-5	5	5	-5	-1	3	5	2	5
-5	2	-5	-3	5	5	-2	-2	-1	-2

LESSON 8

Introduction



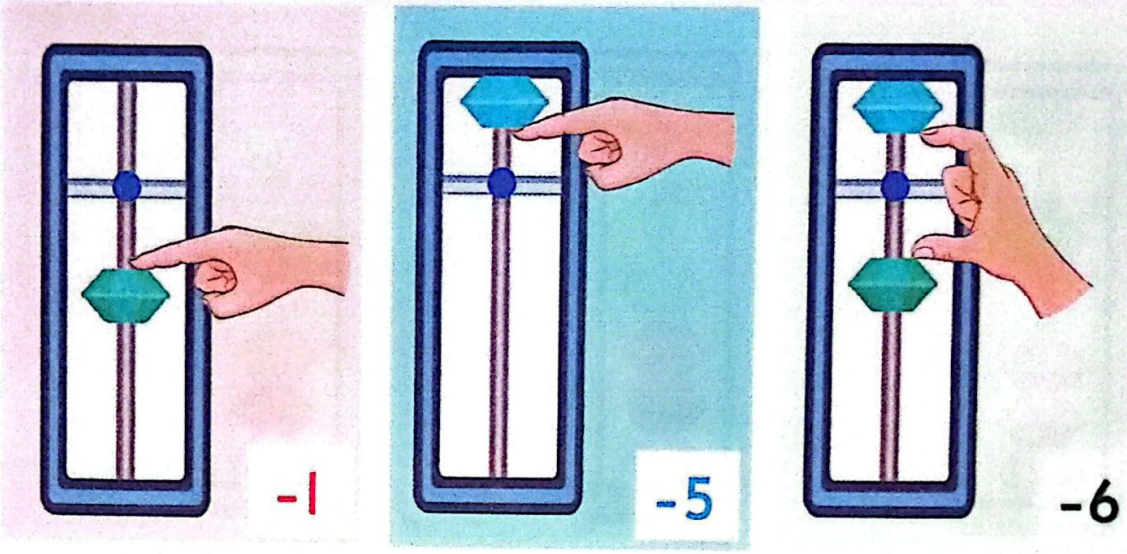
A. Draw beads according to the given number.

1	2	
2	4	
3	3	
4	0	

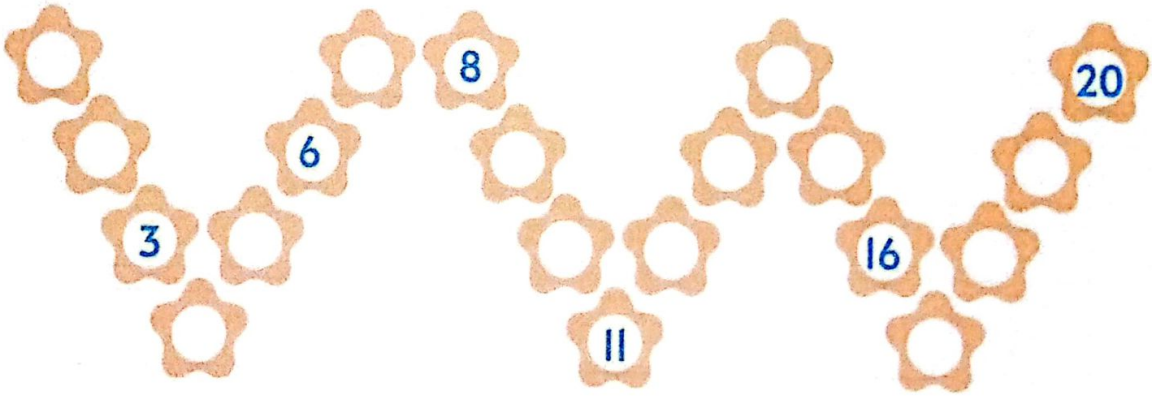
B. Calculate using the .

1	2	3	4	5
1 5	1 6	2 6	6 3	6 -1

Introduction



C. Write the missing numbers from 1 to 20.

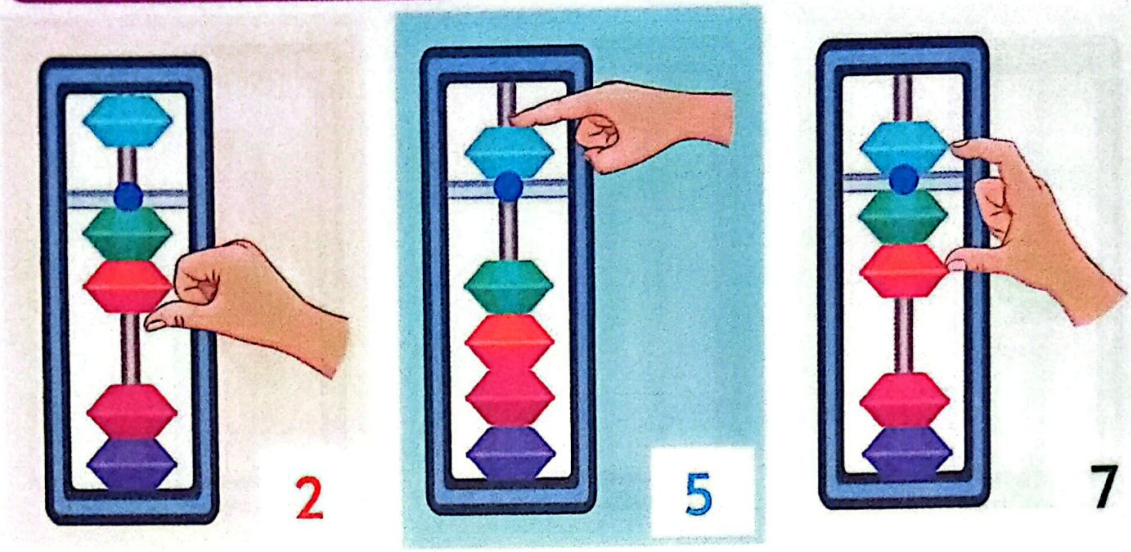


D. Calculate using the .

1	2	3	4	5	6	7	8	9	10
6	4	5	6	2	6	1	2	5	6
1	5	2	-6	6	1	5	2	3	-1
1	-6	-6	3	-6	-6	3	5	-6	-5

LESSON 9

Introduction



A. Complete the number patterns.

1 | 2 | 4 | | | 10 | | | | |

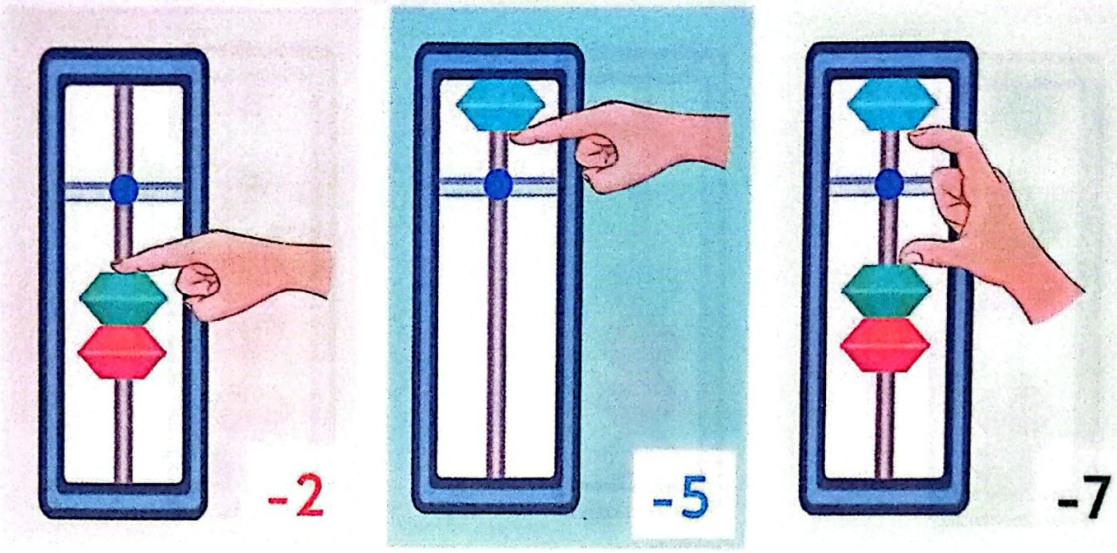
2 | 5 | | | 20 | | | | | |

3 | | 20 | 30 | | | | 70 | | |

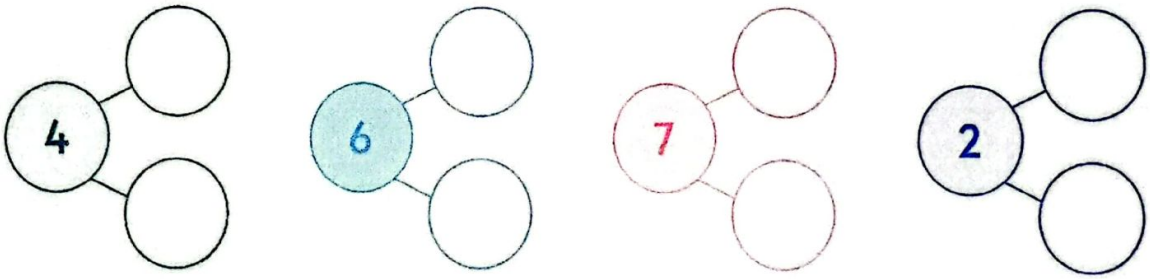
B. Calculate using the abacus.

1	2	3	4	5
2 5	7 1	7 2	6 1	7 -2

Introduction



C. Write each number combination.

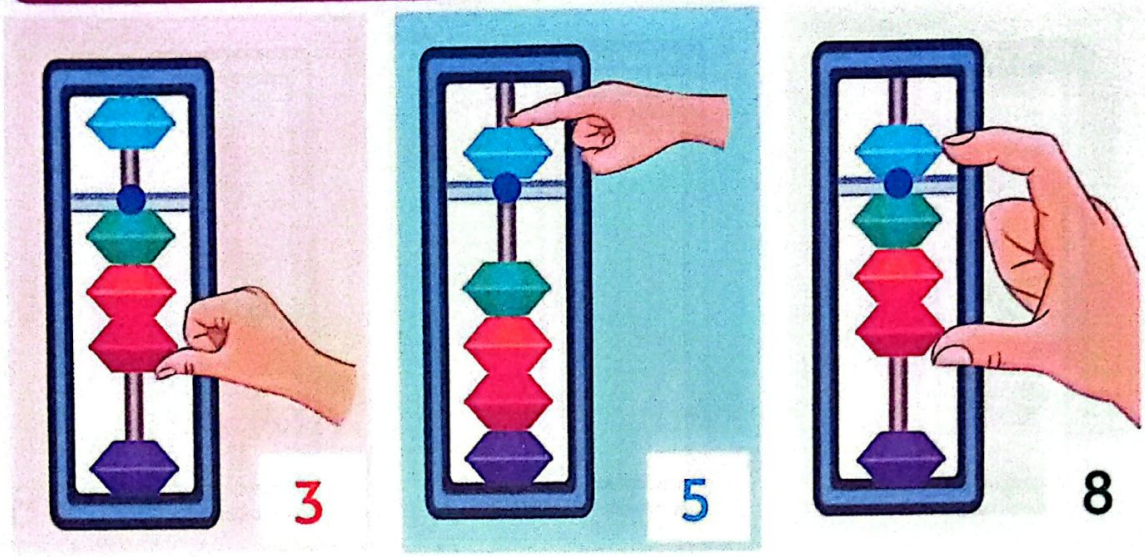


D. Calculate using the .

1	2	3	4	5	6	7	8	9	10
1	5	4	6	7	1	6	7	6	7
6	2	5	3	-7	7	2	2	2	-1
-7	-7	-7	-7	7	-2	-5	-6	-7	-6

LESSON 9

Introduction



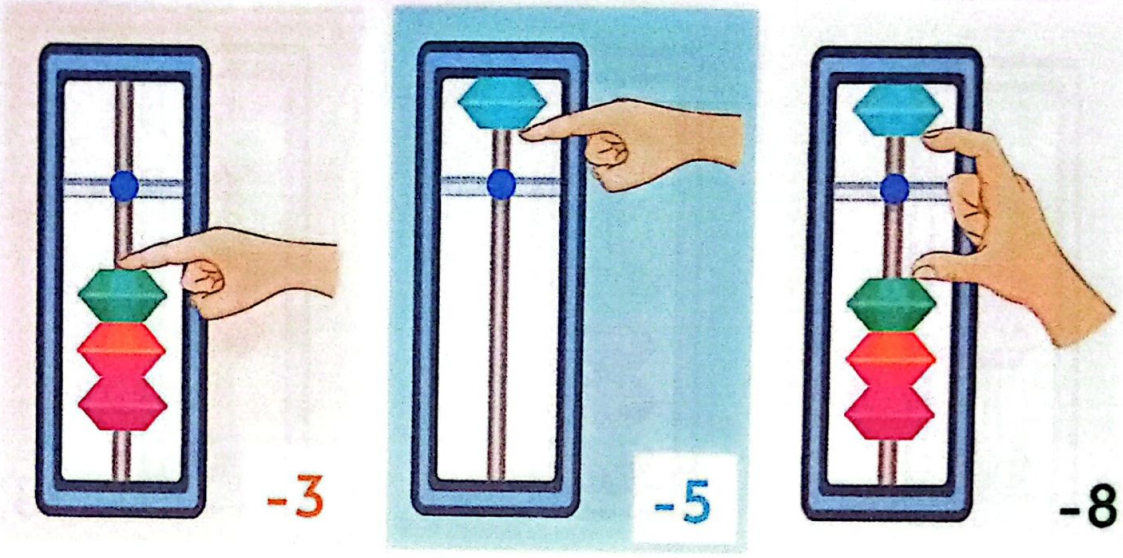
A. Arrange the numbers in the correct order on the lines below.

5 4	2 7	0 3	9 8	1 6

B. Calculate using the .

1	2	3	4	5
5 3	6 2	1 7	8 1	1 8

Introduction



C. Write the numbers in between.

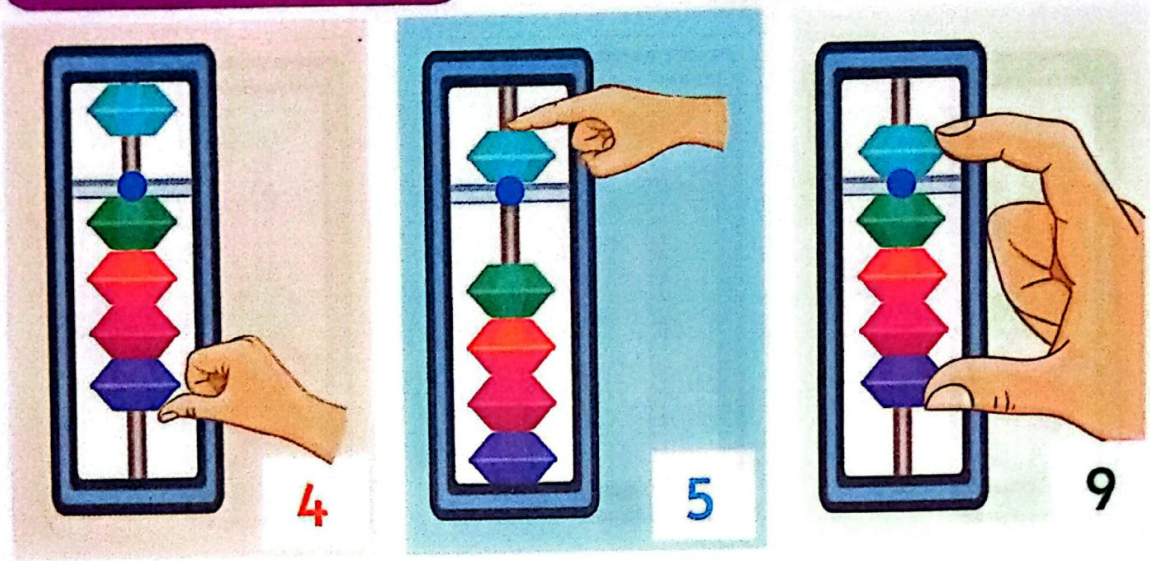
1		3
6		8
9		11
0		2
15		17

D. Calculate using the .

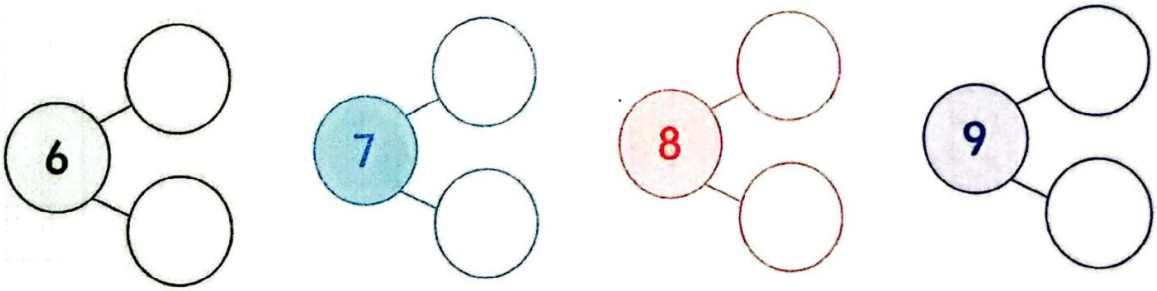
1	2	3	4	5	6	7	8	9	10
1 8 -8	7 2 -8	8 -8 2	2 6 -5	3 5 -8	8 -8 8	2 -1 8	5 4 -8	6 -1 4	3 -2 7

LESSON 10

Introduction



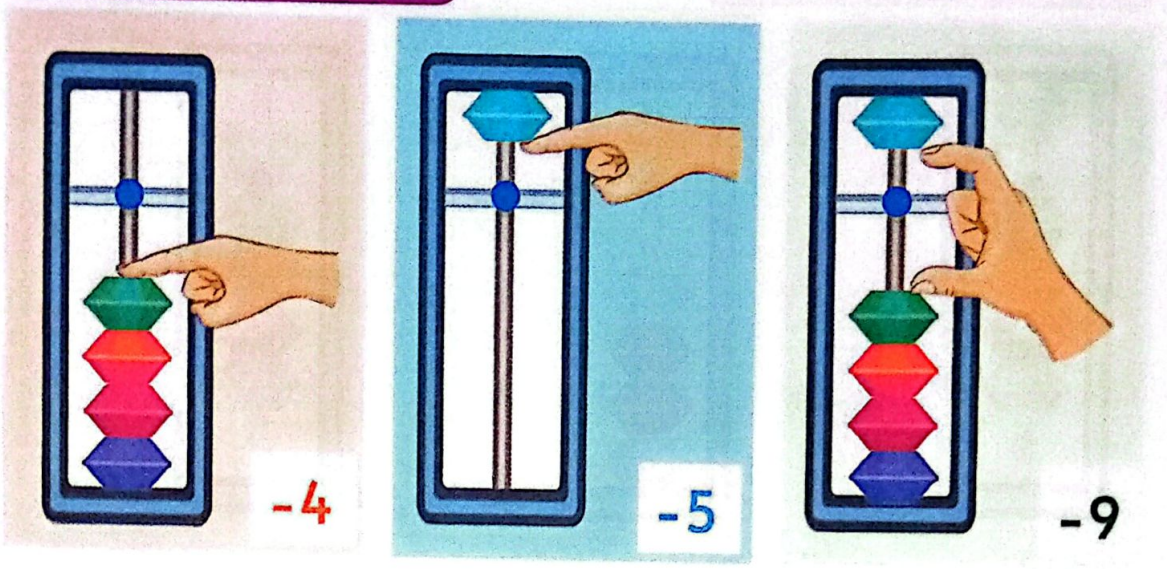
A. Write each number combination.



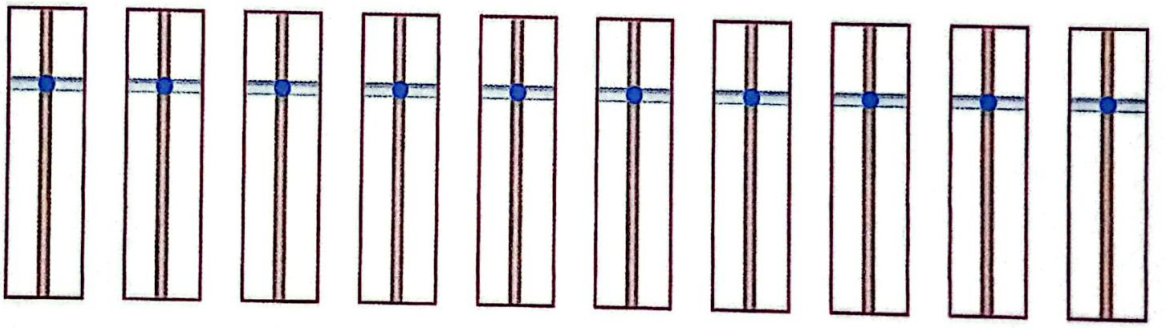
B. Calculate using the .

1	2	3	4	5
4 5	1 8	7 2	3 6	9 -1

Introduction



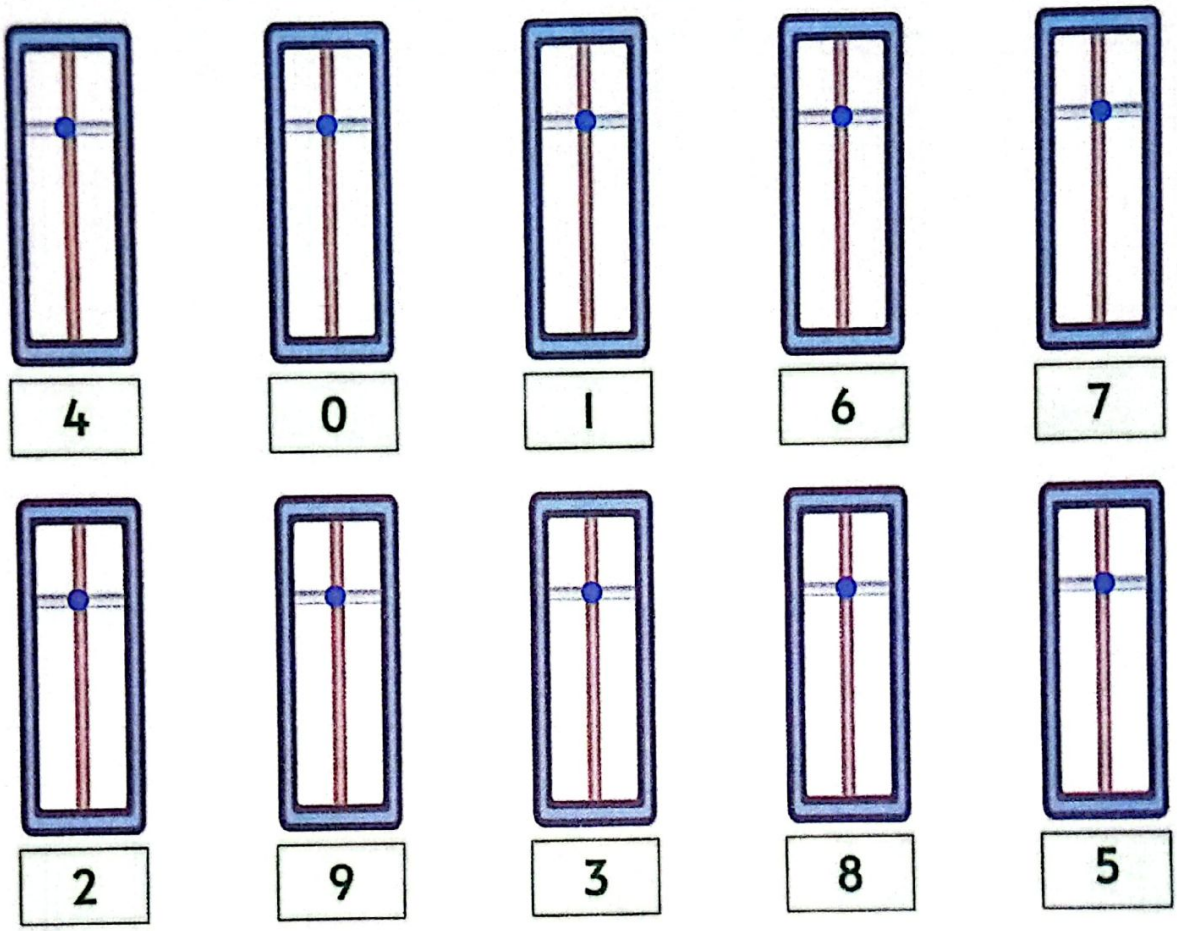
C. Draw beads in descending order from 9 to 0.



D. Calculate using the .

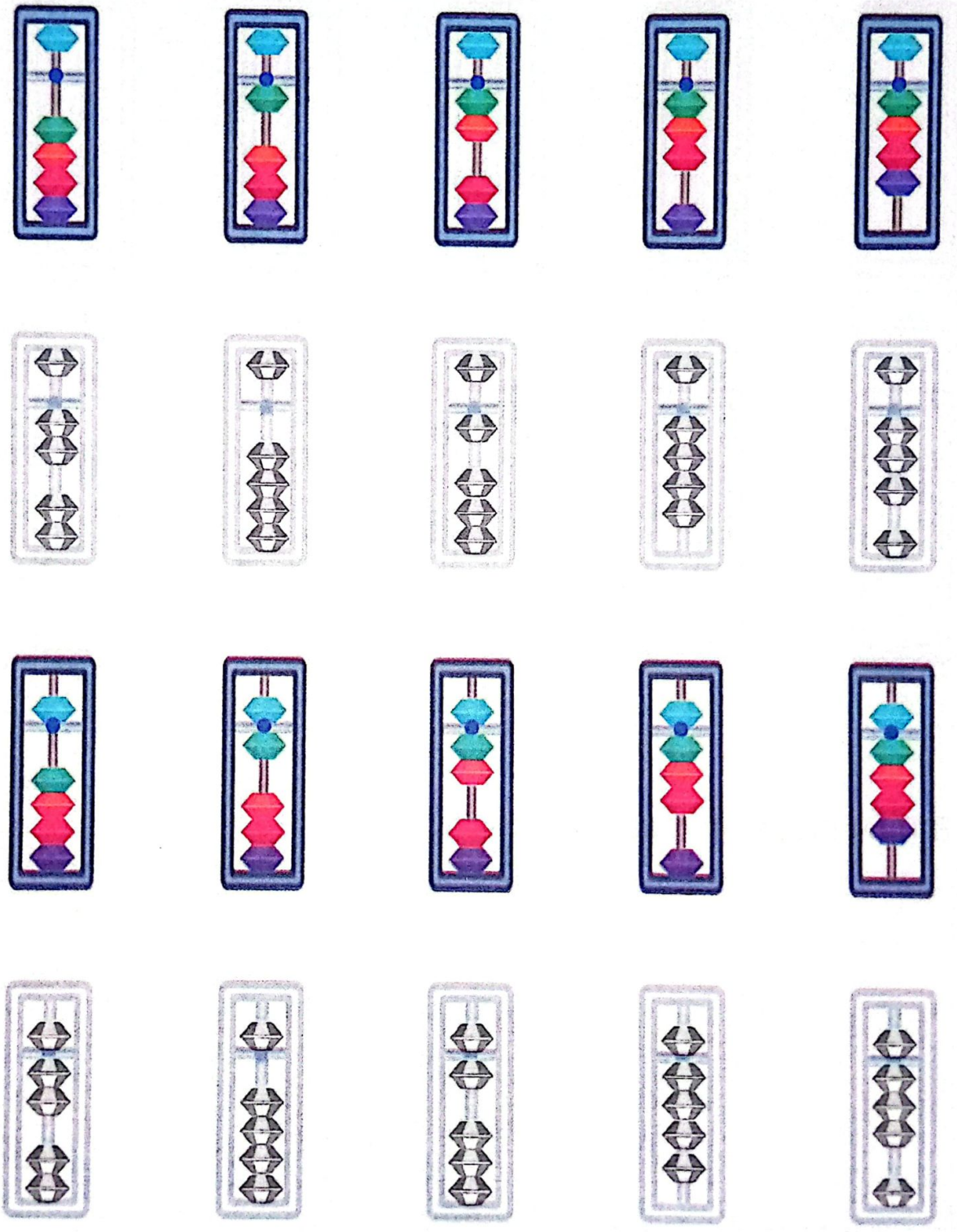
1	2	3	4	5	6	7	8	9	10
9 -9 9	3 6 -9	9 -8 1	6 2 -7	9 -6 5	7 2 -9	8 1 -9	4 5 -3	6 3 -5	9 -2 1

A. Draw beads according to the given number.



B. Draw the soroban, and then color it.

C. Match each soroban to its shadow.



LESSON 11

Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
2 1 5 -6	3 6 -2 -5	3 1 -2 1	5 4 -9 8	1 1 7 -3	2 6 -7 3	2 2 5 -9	8 1 -2 -1	2 1 6 -5	5 2 1 -7

B.

11	12	13	14	15	16	17	18	19	20
2 2 -3 6 2	5 3 1 -7 2	6 1 -5 7 -9	4 -3 8 -1 -2	7 -2 4 -1 -1	4 -2 6 -8 1	9 -7 6 -8 5	2 -2 2 6 1	4 -3 5 1 1	5 1 1 -6 3

C.

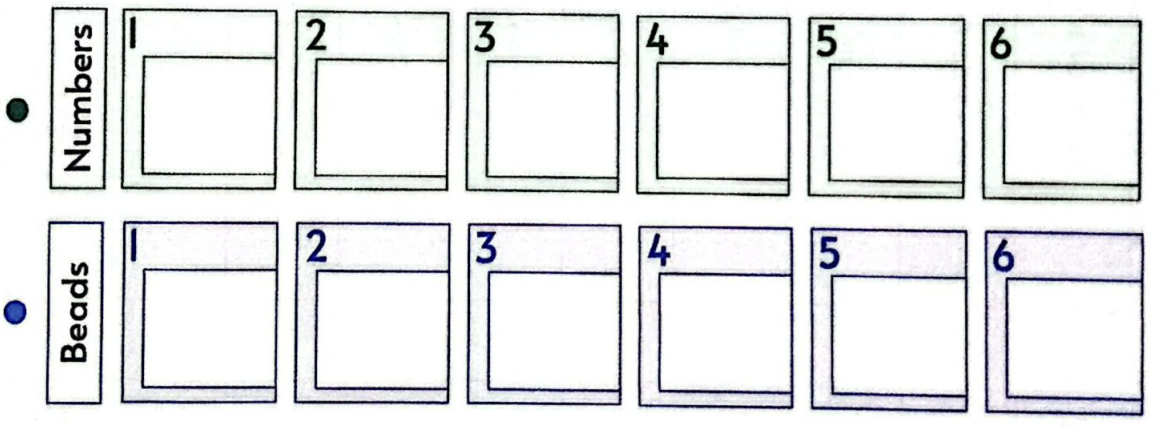
21	22	23	24	25	26	27	28	29	30
5 4 -1 -5 -1	3 -1 2 5 -7	6 -5 3 -1 6	2 2 -2 7 -5	1 2 -3 4 5	5 4 -3 2 1	7 1 1 -3 2	1 3 -4 6 1	8 1 -9 9 -1	3 -1 5 -6 2

D. Speed Writing

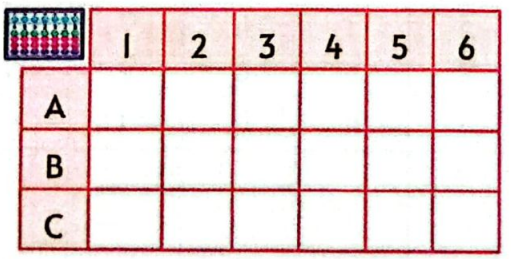
Score: _____

0123456789	9876543210

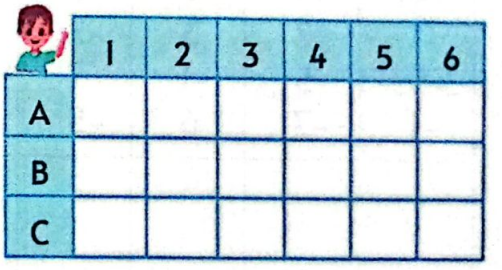
E. Memory Cards



F. Listening



	1	2	3	4	5	6
A						
B						
C						



	1	2	3	4	5	6
A						
B						
C						

LESSON 11



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
1 2 -3	2 2 -1	4 -3 2	2 2 -4	1 1 2	2 1 -1	3 -1 2	4 -1 -1	3 -3 4	2 1 -2

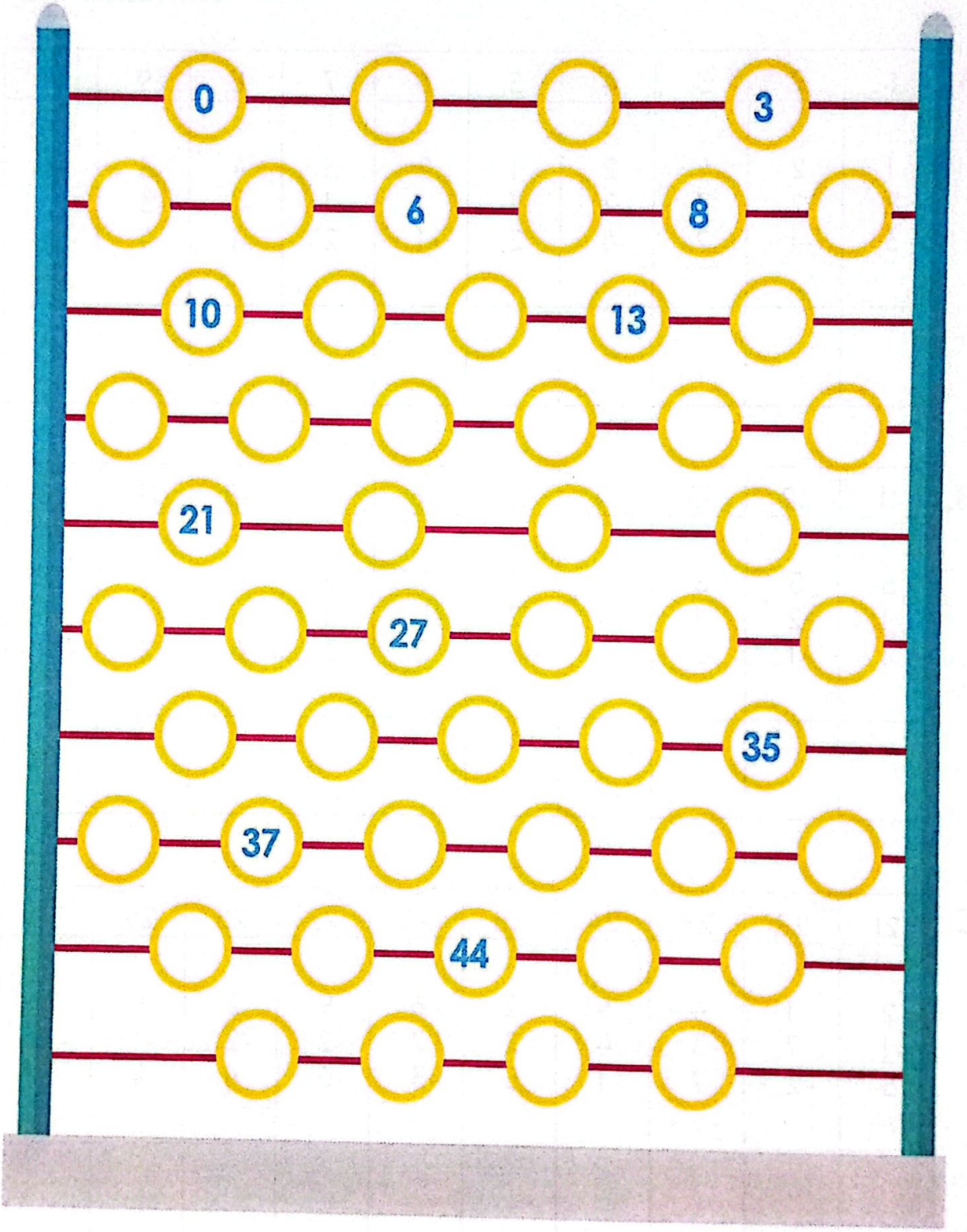
B.

11	12	13	14	15	16	17	18	19	20
5 1 1	5 2 -1	6 1 2	1 6 1	7 2 -9	7 -5 2	8 1 -3	8 -5 6	9 -4 2	3 6 -9

C.

21	22	23	24	25	26	27	28	29	30
2 -1 5	1 7 -2	4 -3 7	5 4 -1	2 2 5	6 2 -3	9 -2 -6	3 -2 6	6 -1 4	4 -2 5

D. Write the missing numbers from 0 to 50.



LESSON 12



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
8	9	8	3	7	7	3	9	2	4
1	-4	1	1	2	-5	1	-6	2	-2
-3	-5	-7	5	-1	-2	5	-2	5	7
-5	1	1	-8	-6	8	-8	-1	-3	-9
1	7	1	2	5	1	1	5	-1	1

B.

11	12	13	14	15	16	17	18	19	20
2	2	8	7	1	6	9	3	8	6
5	-1	-5	-2	7	3	-2	6	1	2
2	5	1	-5	-8	-6	-7	-7	-9	-8
-8	3	5	9	2	1	4	1	3	4
6	-8	-1	-1	6	5	-1	5	1	5
-1	3	-5	-1	-8	-9	6	-6	-4	-7

C.

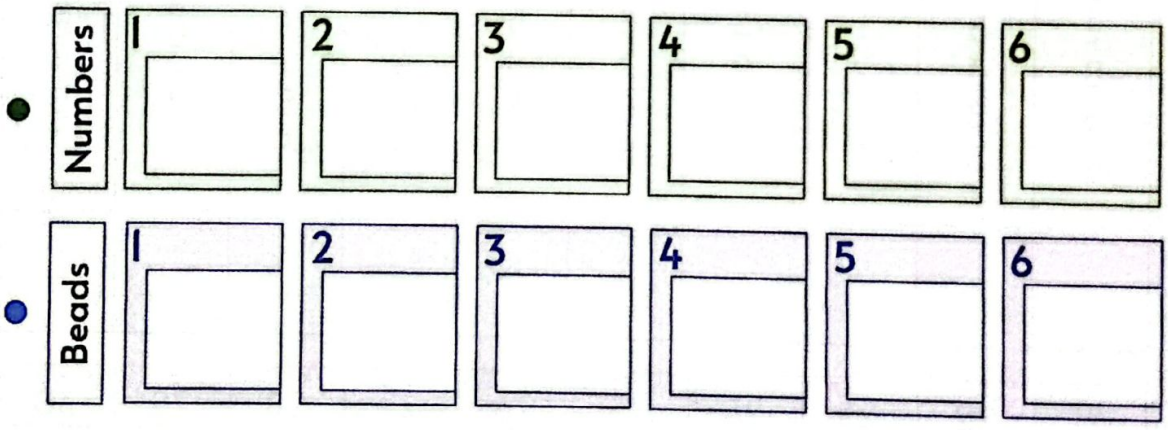
21	22	23	24	25	26	27	28	29	30
2	2	9	8	6	9	6	8	1	6
1	-1	-2	-5	2	-7	-5	-5	7	2
6	6	-5	1	-8	-1	-1	-3	-3	1
-9	-5	-2	5	4	-1	3	9	2	-8
1	7	4	-3	-2	2	1	-1	-5	5
5	-6	-3	-6	7	5	-2	-8	6	-1

D. Speed Writing

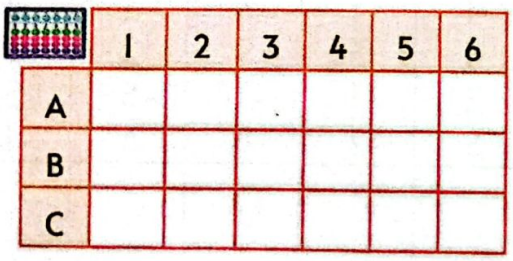
Score: _____

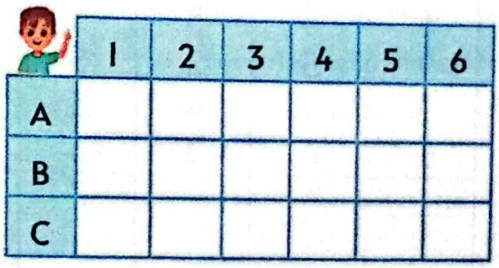
0123456789	9876543210

E. Memory Cards



F. Listening





LESSON 12



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
4	8	6	7	5	3	6	1	1	9
5	1	2	2	2	1	3	8	2	-3
-1	-9	-1	-5	2	5	-5	-1	5	1
-6	6	-5	-4	-7	-8	-4	-6	-8	-5
2	-5	2	3	2	1	2	-2	5	2
-1	3	-4	5	-2	2	7	9	2	-4

B.

11	12	13	14	15	16	17	18	19	20
8	5	6	1	3	6	7	5	7	1
1	4	1	5	-1	-6	-1	2	1	6
-5	-3	-5	1	7	4	3	1	-3	1
-3	1	2	2	-4	5	-5	1	4	-5
6	2	5	-3	3	-8	-2	-7	-9	1
1	-4	-8	2	-8	1	6	1	5	-2

C.

21	22	23	24	25	26	27	28	29	30
6	4	6	7	4	3	1	9	2	9
1	-1	3	-1	-3	5	7	-7	6	-2
1	6	-1	-1	2	-8	-3	6	-1	-7
-5	-5	-2	4	1	4	1	-8	2	1
6	-2	-5	-5	-4	5	-6	2	-8	6
-4	-2	8	-1	5	-9	1	1	5	1



Training

Time:

Mark: /30

D.

1	2	3	4	5	6	7	8	9	10
3 -1 2 -4	9 -7 2 -3	8 -6 2 -1	5 1 -6 2	2 6 1 -9	7 -1 3 -4	2 -1 5 -6	9 -6 -1 5	8 -2 2 -2	1 8 -9 5

E.

11	12	13	14	15	16	17	18	19	20
3 -2 5 2	4 -3 5 1	5 4 -3 2	8 -6 -2 9	9 -3 1 -5	1 2 5 -7	4 -2 5 1	6 -5 1 7	3 5 -8 2	4 -1 5 -7

F.

21	22	23	24	25	26	27	28	29	30
5 3 -2 1	2 2 -1 5	5 2 1 1	6 1 -2 3	5 4 -8 1	3 -1 7 -2	4 -1 6 -7	8 -2 1 -5	9 -3 2 1	8 -8 6 -1

LESSON 13



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
9	9	4	8	5	6	9	7	8	7
-7	-1	5	-2	1	3	-4	-1	1	2
-1	-2	-4	2	-5	-1	2	-5	-5	-1
5	-1	4	-6	-1	-7	-5	3	-3	-6
-5	3	-8	-1	5	3	2	5	1	-2
2	-3	3	2	3	5	5	-8	2	1

B.

11	12	13	14	15	16	17	18	19	20
9	8	3	9	3	5	3	6	5	7
-6	1	5	-8	1	2	6	-1	4	-2
1	-7	1	-1	5	-6	-7	-5	-8	4
5	5	-7	6	-8	-1	5	3	5	-5
-6	1	2	2	7	7	2	5	1	-2
1	-2	-2	-5	-8	2	-9	-2	1	-2

C.

21	22	23	24	25	26	27	28	29	30
8	5	9	1	1	4	7	5	5	8
-3	3	-1	7	3	5	-5	2	4	-5
-5	1	-1	1	5	-8	2	1	-6	1
8	-5	2	-5	-9	-1	-4	1	-3	-4
-2	5	-3	-2	1	4	9	-8	1	9
1	-7	2	6	2	-3	-6	7	-1	-3

D. Speed Writing

Score: _____

0123456789	9876543210

E. Memory Cards

	1	2	3	4	5	6
Numbers						
Beads						

F. Listening



	1	2	3	4	5	6
A						
B						
C						



	1	2	3	4	5	6
A						
B						
C						

LESSON 13

Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
9	7	8	9	9	2	2	9	4	5
-4	2	1	-2	-8	6	-1	-9	-2	2
-5	-1	-1	-7	5	-2	7	4	5	-1
3	-6	-1	5	1	3	-5	-4	2	3
1	5	-5	1	-5	-9	1	1	-9	-4
-4	1	2	3	-2	7	5	1	6	2

B.

11	12	13	14	15	16	17	18	19	20
1	6	8	9	3	7	7	9	7	1
8	2	-7	-1	6	-7	2	-1	-6	1
-2	-1	8	-7	-2	3	-6	-2	3	2
-5	-5	-7	8	-7	1	5	3	5	-2
2	1	6	-2	1	-4	1	-4	-1	5
-4	1	-7	-2	8	5	-8	1	-5	-7

C.

21	22	23	24	25	26	27	28	29	30
4	2	9	3	7	7	7	3	9	4
-2	5	-6	-1	-5	1	-6	-2	-4	-1
7	2	-1	5	-2	1	7	3	-5	6
-9	-4	-2	2	4	-6	-8	-4	9	-5
2	3	9	-8	5	5	7	5	-3	-2
1	-8	-2	1	-6	-3	-5	1	-6	1



Training

Time:

Mark: /30

D.

1	2	3	4	5	6	7	8	9	10
9 -1 -1 -5	6 3 -9 4	6 2 1 -8	3 1 -4 5	5 4 -9 1	6 1 -2 4	8 -6 2 -4	6 -1 2 2	7 1 -3 4	6 -6 3 1

E.

11	12	13	14	15	16	17	18	19	20
8 1 -3 -1	5 2 1 -7	9 -6 -2 1	2 6 -7 1	3 1 -4 7	9 -7 -1 2	6 2 -8 5	2 5 1 1	6 -5 -1 6	8 -5 -3 9

F.

21	22	23	24	25	26	27	28	29	30
9 -3 -1 2	8 -7 1 -2	5 2 -6 1	9 -3 -6 5	6 -1 4 -9	7 2 -4 3	1 8 -7 -1	4 -2 7 -8	2 2 -1 6	5 3 -6 2

LESSON 14

Training

Time: _____

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
6	6	3	7	2	3	1	4	1	7
2	-5	5	-2	7	5	5	-2	8	-6
-3	3	-7	3	-5	-8	-6	7	-9	2
-5	-4	1	-8	-4	1	8	-9	2	-3
2	2	-2	9	3	5	1	6	5	6
7	2	3	-4	-2	3	-9	2	-7	2
-4	5	5	-5	1	-9	7	-8	2	-8
2	-9	-7	2	2	2	-1	4	2	4

B.

11	12	13	14	15	16	17	18	19	20
6	4	6	2	9	2	8	9	2	1
-5	-2	3	5	-4	2	1	-2	7	8
3	7	-8	2	2	5	-5	-5	-9	-9
5	-6	1	-9	-6	-6	-2	6	8	4
-4	-3	2	8	1	5	5	-8	-3	5
2	4	-4	-3	5	-8	-7	5	1	-6
-7	5	2	-5	-6	2	3	4	-5	-2
3	-8	6	7	3	7	6	-6	3	8

C.

21	22	23	24	25	26	27	28	29	30
3	9	8	4	2	7	6	5	4	9
6	-4	-5	-2	5	1	3	4	-3	-1
-6	2	-2	2	1	1	-2	-2	2	-6
-1	-6	7	-4	1	-2	-2	-2	-3	7
2	3	-5	5	-8	-5	3	3	3	-8
-4	5	6	1	7	-2	-1	-6	-3	2
9	-7	-4	-6	-5	9	-1	-1	2	-3
-2	2	3	3	1	-5	-5	-1	1	4

D. Speed Writing

Score: _____

0123456789	9876543210

E. Memory Cards

	1	2	3	4	5	6
Numbers						
Beads						

F. Listening



	1	2	3	4	5	6
A						
B						
C						



	1	2	3	4	5	6
A						
B						
C						

LESSON 14



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
7	5	5	8	5	8	9	1	7	1
2	2	1	1	4	-6	-3	2	-2	1
-6	-6	3	-7	-6	2	-1	1	4	2
5	2	-4	2	-2	5	4	-3	-6	-3
-8	1	2	5	8	-4	-8	8	-3	7
5	-4	-6	-8	-9	2	6	-2	5	-2
4	5	3	3	5	-6	2	-2	3	3
-6	2	5	5	3	3	-9	1	-7	-8

B.

11	12	13	14	15	16	17	18	19	20
3	4	8	8	4	9	1	9	7	5
6	-3	-6	-3	-3	-5	8	-2	1	1
-9	6	2	4	6	5	-5	1	-2	1
5	2	-4	-2	-2	-4	-3	-3	-6	2
4	-9	5	1	4	-5	6	2	3	-8
-9	8	2	-5	-8	2	2	-6	5	7
1	-3	-6	6	1	7	-8	8	1	-6
8	2	3	-7	1	-4	7	-9	-1	-2

C.

21	22	23	24	25	26	27	28	29	30
2	9	5	1	3	3	6	9	8	4
6	-6	2	7	-1	6	-5	-2	1	-3
-3	5	2	-3	2	-7	8	-2	-9	2
4	-8	-9	4	5	5	-4	4	9	-1
-7	2	7	-9	-9	-2	2	-8	-4	5
6	5	2	8	1	4	-7	2	3	-6
-3	-6	-6	-3	1	-2	3	6	-8	7
2	3	-2	4	5	-2	6	-1	3	-8



Training

Time:

Mark: /30

D.

1	2	3	4	5	6	7	8	9	10
1	9	4	2	5	2	8	2	9	6
5	-7	5	-1	3	5	-3	7	-4	3
3	2	-7	6	-6	-6	-5	-4	2	-4
-6	-4	2	-2	2	3	4	3	-6	2
-2	6	-4	4	-4	-4	-2	-6	3	-7
7	3	5	-9	8	5	7	-2	-1	8

E.

11	12	13	14	15	16	17	18	19	20
2	9	2	2	8	4	2	2	7	3
7	-4	2	1	1	-2	5	6	-2	6
-4	2	-3	5	-4	7	2	-3	4	-5
3	-6	5	-8	-5	-9	-7	4	-9	-3
-6	3	-6	7	3	5	6	-6	6	7
-2	-1	7	-6	6	4	-3	-2	2	-6

F.

21	22	23	24	25	26	27	28	29	30
8	4	2	3	1	6	9	8	1	3
-1	5	2	5	5	2	-4	-7	8	6
2	-8	-3	-6	3	-5	2	2	-5	-5
-5	3	6	2	-7	6	-6	-3	-3	-4
-2	5	-7	-4	2	-2	3	6	6	1
1	-1	4	9	-3	-7	5	2	-2	7

LESSON 15



Training

Time: ( )

Mark: (/30)

A.

1	2	3	4	5	6	7	8	9	10
3	5	7	9	2	6	4	9	9	4
6	2	-6	-6	2	2	-2	-2	-7	5
-4	-7	3	5	5	-7	6	-6	2	-3
-5	6	5	-2	-4	3	-3	5	5	2
2	2	-4	3	3	5	2	3	-8	-8
2	-8	2	-9	-6	-6	-6	-9	6	9
5	3	2	1	2	-3	3	9	2	-4
-7	5	-9	8	5	5	5	-4	-4	2
1	-7	3	-4	-7	2	-7	2	2	-6
1	8	6	3	5	-1	5	-7	-6	3

B.

11	12	13	14	15	16	17	18	19	20
6	9	7	1	3	3	5	4	7	5
3	-7	2	8	6	-1	3	-1	-1	2
-4	2	-3	-3	-4	7	-6	-1	3	1
2	5	-5	-1	3	-4	2	2	-4	-6
-5	-4	8	4	-8	-5	5	-2	-5	7
7	3	-1	-8	7	6	-9	6	2	-8
-9	-8	-7	2	2	2	7	-3	1	5
8	2	3	5	-6	-1	2	-5	5	3
-3	6	5	-6	-1	-7	-6	1	1	-6
4	1	-4	1	6	8	1	5	-3	5

C.

21	22	23	24	25	26	27	28	29	30
5	9	2	9	2	1	9	7	9	1
1	-2	6	-7	1	8	-4	-6	-7	1
1	-6	-7	5	-3	-4	-5	3	2	7
1	-1	-1	-6	4	3	2	5	5	-5
-7	9	2	3	5	-8	1	-4	-8	-2
3	-3	5	-4	-1	9	6	2	6	6
5	2	1	9	-6	-4	-7	2	2	-1
-4	-7	-8	-5	7	2	-2	-8	-4	-7
3	-1	4	-1	-2	-6	9	2	2	1
-8	9	5	1	1	3	-1	1	-6	2

D. Speed Writing

Score: _____

0123456789	9876543210

E. Memory Cards

	1	2	3	4	5	6
Numbers						
Beads						

F. Listening



	1	2	3	4	5	6
A						
B						
C						



	1	2	3	4	5	6
A						
B						
C						

LESSON 15



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
6	8	6	7	9	5	9	1	8	9
2	-3	2	1	-4	3	-3	6	-6	-3
-8	4	-7	-6	-5	-6	-1	-2	5	2
5	-9	6	5	2	2	2	3	2	-7
4	2	-2	2	1	5	-6	-8	-7	6
-7	5	4	-3	1	-9	8	4	6	2
5	-6	-3	2	-3	6	-1	5	1	-8
2	3	-1	-7	5	2	-7	-6	-5	5
-8	5	3	6	-6	-3	6	-2	-2	3
3	-4	-6	2	7	4	1	3	6	-4

B.

11	12	13	14	15	16	17	18	19	20
7	9	6	3	7	8	9	1	5	3
2	-7	2	5	-6	1	-4	2	4	-2
-6	5	-3	-6	3	-2	2	6	-2	8
-3	2	4	2	5	-2	-6	-2	-7	-7
6	-6	-9	-4	-4	3	3	-7	6	6
-1	-3	5	5	2	-7	5	3	3	-3
3	2	2	3	2	3	-8	-2	-4	4
-8	7	-6	-6	-8	5	2	8	3	-9
7	-8	2	1	3	-1	5	-4	-7	2
2	2	5	-3	5	-1	-6	3	6	7

C.

21	22	23	24	25	26	27	28	29	30
4	3	6	1	8	8	1	5	8	8
-3	5	-1	8	-6	-2	5	1	1	-3
7	-7	4	-9	2	3	2	3	-6	2
-2	5	-3	8	5	-5	-6	-4	-2	-5
-5	3	2	-6	-9	-4	2	3	7	7
8	-8	-2	5	7	1	5	-6	-3	-8
-4	5	3	2	2	6	-7	5	1	5
2	2	-4	-4	-6	2	2	2	2	3
-6	-6	-5	1	-2	-7	-4	-7	-6	-9
3	2	1	2	8	5	7	5	2	1



Training

Time:

Mark: /30

D.

1	2	3	4	5	6	7	8	9	10
8	1	3	5	4	7	5	2	1	2
-2	2	5	3	-2	-2	2	6	8	2
-5	-3	-7	-7	7	3	-7	-8	-9	-4
7	4	1	3	-9	-8	6	3	2	7
-8	5	-2	-4	4	9	2	5	5	-5
5	-6	3	8	5	-4	-7	-7	-6	2

E.

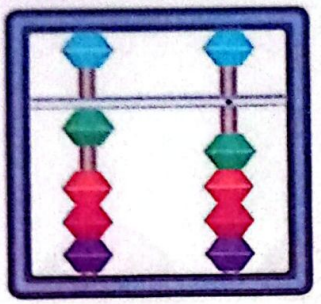
11	12	13	14	15	16	17	18	19	20
1	3	7	8	2	7	4	3	4	6
7	5	-6	-3	6	-6	5	5	-2	-5
-8	-8	2	-5	-8	2	-8	-7	7	1
9	2	-3	2	2	-3	1	-1	-9	-2
-4	1	4	6	2	6	-2	5	1	3
-5	6	-2	-7	5	-1	6	3	3	-2

F.

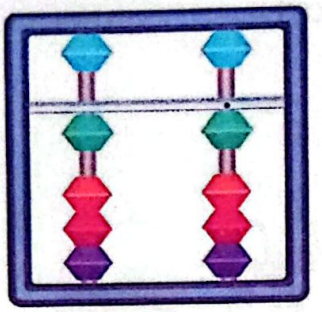
21	22	23	24	25	26	27	28	29	30
8	1	5	3	6	9	3	6	2	2
-6	5	1	6	-5	-5	6	2	7	5
2	-6	2	-4	3	-4	-4	-3	-8	-6
-4	5	-3	2	-4	2	2	-5	1	2
5	2	4	-7	2	2	-7	2	2	-3
1	-7	-9	5	2	-3	5	1	-3	1

LESSON 16

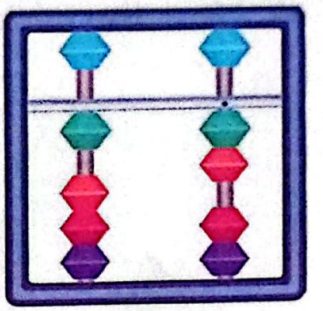
Introduction



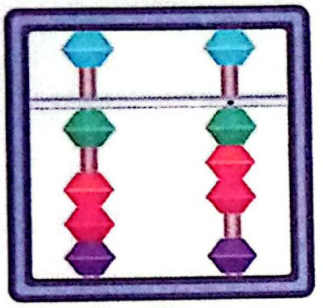
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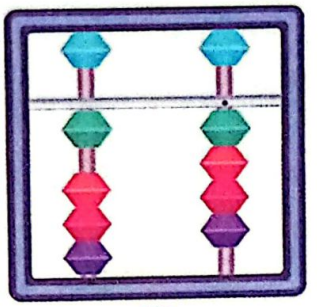
11



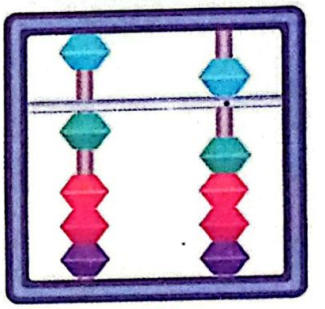
12



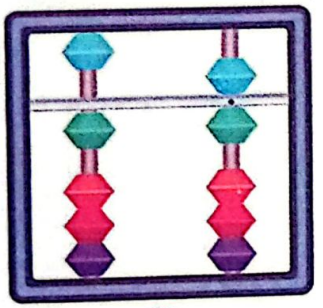
13



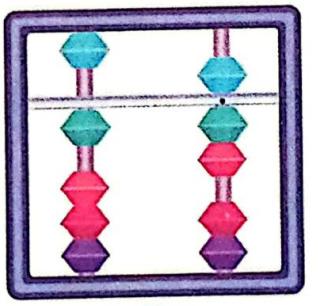
14



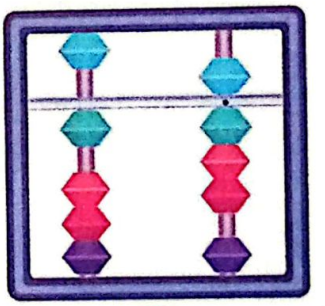
15



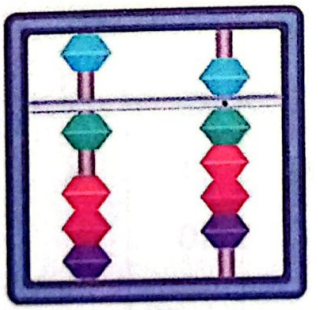
16



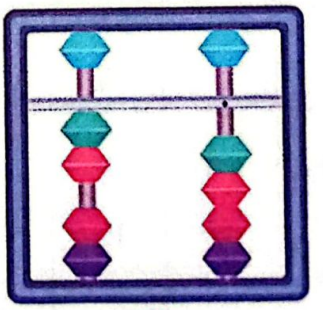
17



18



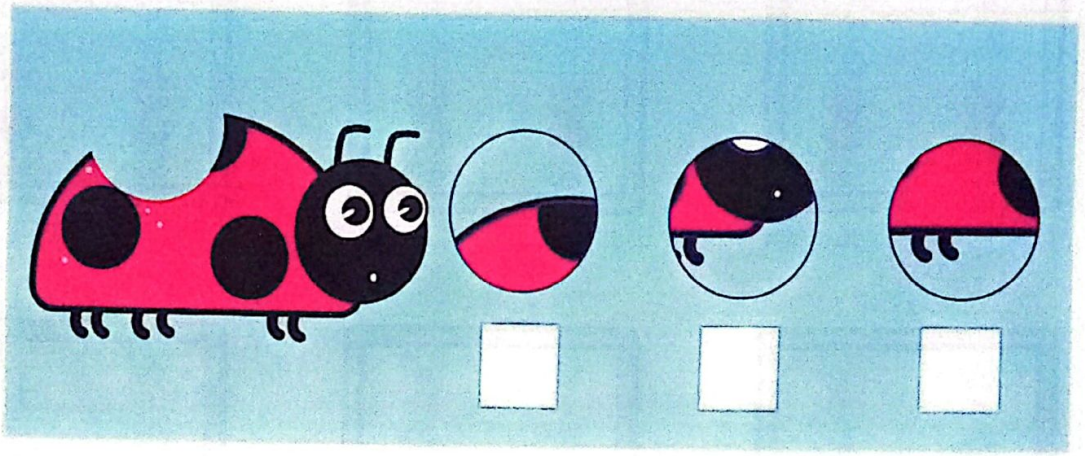
19



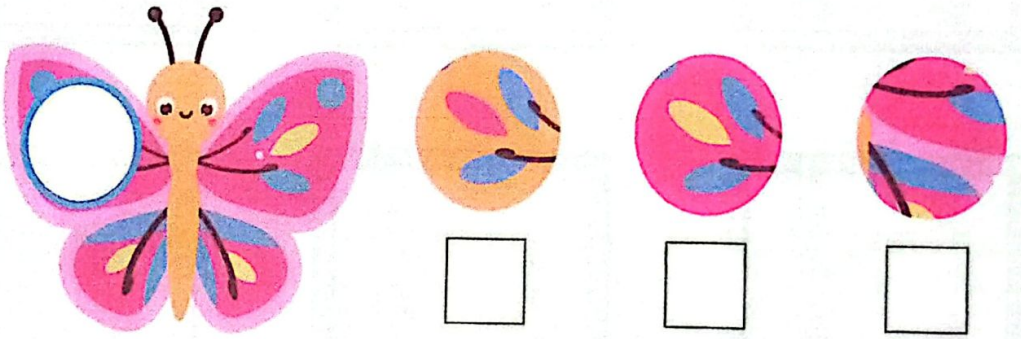
20

A. Mark the missing part.

1



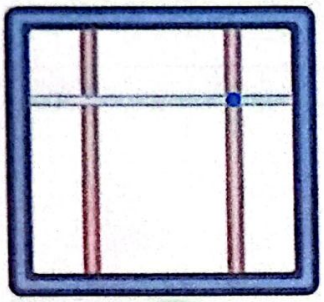
2



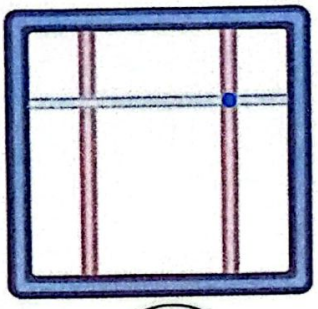
B. Calculate using the .

1	2	3	4	5	6	7	8	9	10
10 1	10 5	10 3	9 10	10 2	10 8	4 10	6 10	10 7	10 10

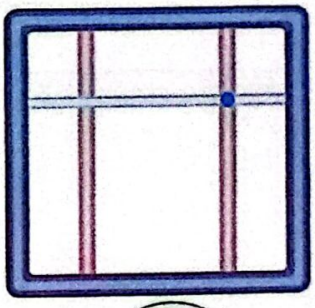
A. Draw beads according to the given number.



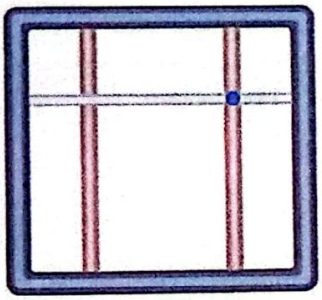
14



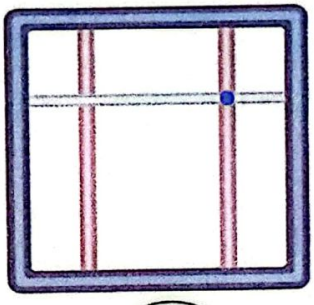
11



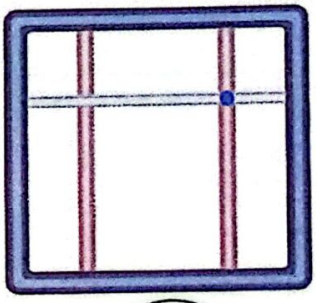
10



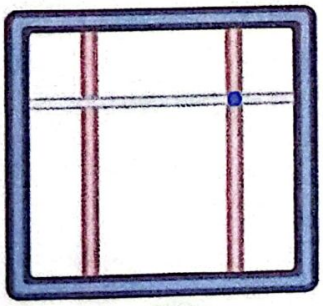
16



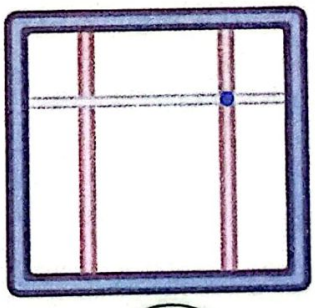
19



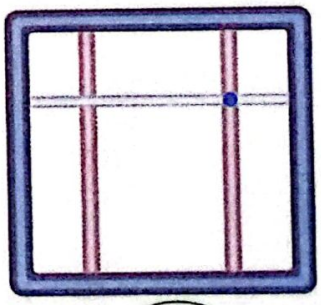
12



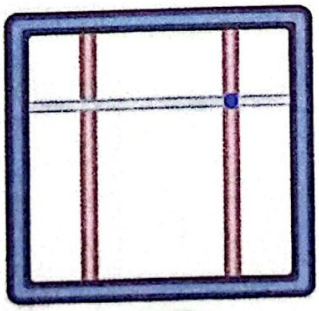
13



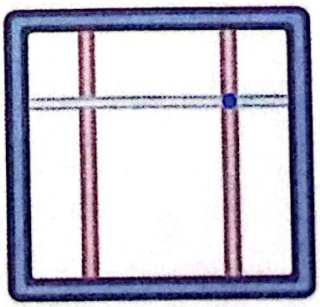
15



18

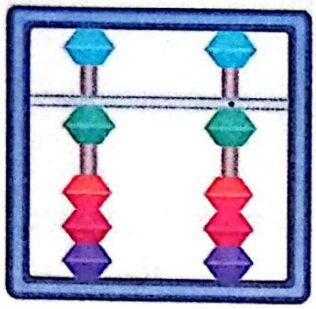


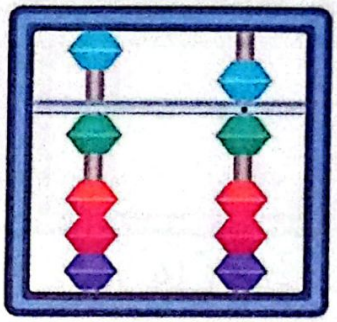
17



20

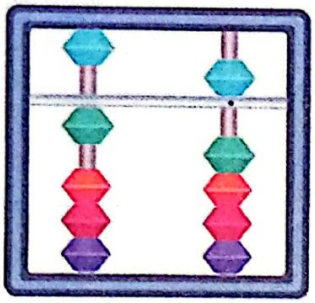
B. Match each number to its soroban.

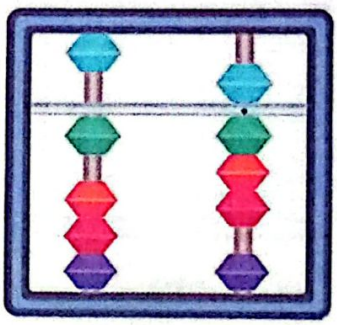




18

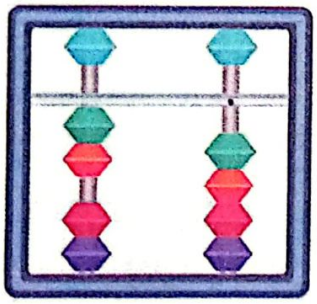
15

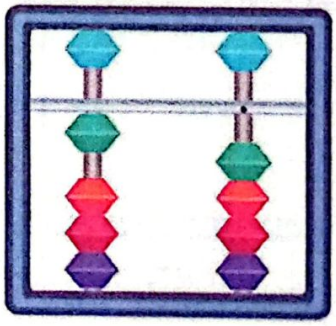




12

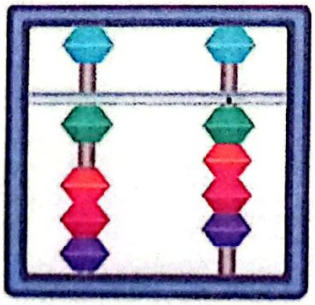
11

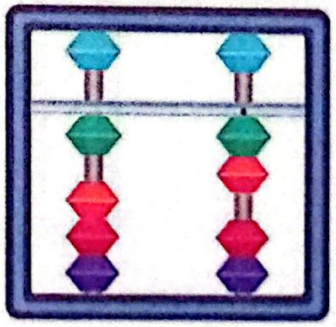




20

10





14

16

LESSON 17



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
10 2	10 9	10 3	10 5	10 4	1 10	8 10	7 10	10 6	10 10

B.

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

C.

21	22	23	24	25	26	27	28	29	30
9 -3 10	8 10 -2	10 3 -1	10 2 -2	4 -1 10	7 -5 10	3 10 6	2 10 1	10 8 -5	10 10 4

D. Speed Writing

Score: _____

0123456789	9876543210

E. Memory Cards

	1	2	3	4	5	6
Numbers						
Beads						

F. Listening



	1	2	3	4	5	6
A						
B						
C						



	1	2	3	4	5	6
A						
B						
C						

LESSON 17



Training

Time:

Mark: /30

A.

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

B.

11	12	13	14	15	16	17	18	19	20
11 10	11 11	12 12	13 11	14 15	16 11	17 12	18 10	10 19	19 -14

C.

21	22	23	24	25	26	27	28	29	30
10 5 3	10 10 6	11 16 -5	15 14 -19	13 -12 7	10 14 -2	10 7 10	4 10 15	3 16 -9	10 -10 12



Training

Time:

Mark: /30

D.

1	2	3	4	5	6	7	8	9	10
11 -1	12 -1	13 -2	14 -3	15 -5	16 -1	17 -5	18 -1	19 -4	10 -10

E.

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

F.

21	22	23	24	25	26	27	28	29	30
11 -11	12 -2	19 -10	13 -12	1 12	15 -10	12 12	10 10	13 15	14 -11

LESSON 18

Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
10 10	20 10	30 10	40 -10	20 20	20 -10	30 -10	10 20	10 30	10 -10

B.

11	12	13	14	15	16	17	18	19	20
21 12	13 31	14 25	42 -12	33 11	44 -2	29 -10	38 -7	22 22	35 -15

C.

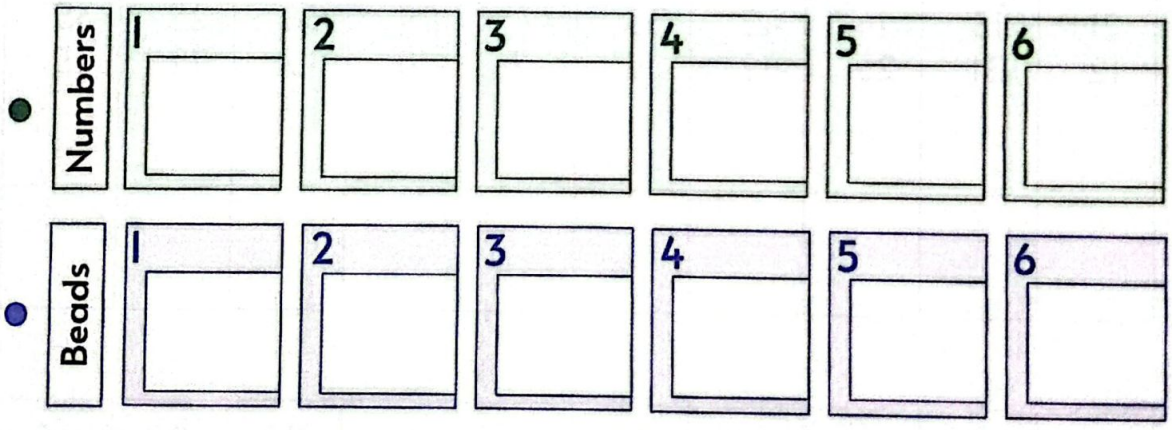
21	22	23	24	25	26	27	28	29	30
26 12	38 11	47 -15	13 25	27 -10	44 -12	35 14	11 16	12 27	40 7

D. Speed Writing

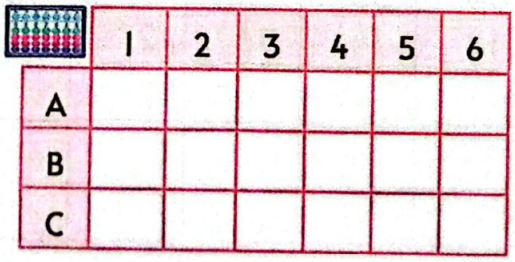
Score: _____

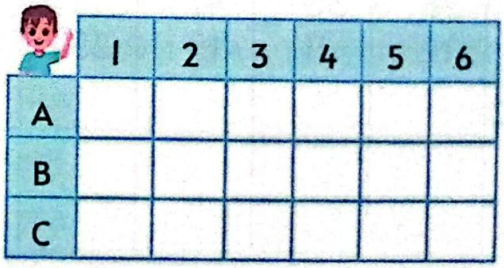
0123456789	9876543210

E. Memory Cards



F. Listening





LESSON 18

Training

Time: ( )

Mark: (/30)

A.

1	2	3	4	5	6	7	8	9	10
10 20 10	30 10 -40	45 -35 11	10 16 -15	20 19 -34	18 -16 47	28 -15 31	40 -20 13	14 15 -25	30 11 -41

B.

11	12	13	14	15	16	17	18	19	20
11 11 11	22 22 -10	33 11 -4	44 -11 -11	42 -12 -10	37 -16 8	14 20 -33	19 -8 15	21 21 -2	15 14 -29

C.

21	22	23	24	25	26	27	28	29	30
41 -20 13	23 -12 38	49 -18 6	27 22 -39	11 20 -30	30 -10 28	43 -13 -10	11 12 -13	13 25 11	40 -40 32



Training

Time:

Mark: /30

D.

1	2	3	4	5	6	7	8	9	10
20 10	30 10	10 10	20 -10	30 -20	40 -20	20 20	40 -30	10 -10	30 -10

E.

11	12	13	14	15	16	17	18	19	20
10 -10 40	20 -10 30	30 -10 20	40 -10 -10	10 10 20	10 30 -40	30 10 -20	10 10 -10	20 20 -10	30 10 -10

F.

21	22	23	24	25	26	27	28	29	30
12 10 10	10 13 20	15 30 -15	46 -11 14	37 -16 22	11 11 -21	17 -12 24	12 12 -12	13 31 -44	14 -14 10

LESSON 19



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
50 10	50 20	60 30	60 -10	70 20	70 10	80 10	80 -30	90 -40	90 -10

B.

11	12	13	14	15	16	17	18	19	20
50 5	60 6	70 7	80 8	90 9	55 20	66 10	77 20	88 10	99 -10

C.

21	22	23	24	25	26	27	28	29	30
20 50 10	80 10 -40	90 -20 -60	70 -60 30	15 50 30	25 70 -15	66 -16 -50	17 80 -27	55 -55 44	44 -10 65

D. Speed Writing

Score: _____

0123456789	9876543210

E. Memory Cards

	1	2	3	4	5	6
Numbers						
Beads						

F. Listening



	1	2	3	4	5	6
A						
B						
C						



	1	2	3	4	5	6
A						
B						
C						

LESSON 19

Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
50 40 -90	20 70 -90	80 10 -50	60 30 -40	20 60 -80	70 10 -60	50 30 -10	10 60 -70	50 20 -70	10 50 -60

B.

11	12	13	14	15	16	17	18	19	20
22 77 -99	33 66 -99	88 11 -99	55 44 -99	11 77 11	99 -55 -44	88 -33 11	75 -15 30	61 -11 49	99 -27 -72

C.

21	22	23	24	25	26	27	28	29	30
99 -36 -63	99 -18 -81	99 -45 -54	78 -16 -51	65 -55 24	33 11 55	22 22 55	69 -19 43	54 45 -92	36 -26 71



Training

Time:

Mark: /30

D.

1	2	3	4	5	6	7	8	9	10
20 50	30 60	40 50	10 70	70 20	80 10	50 30	20 60	60 10	10 50

E.

11	12	13	14	15	16	17	18	19	20
50 20 -10	20 60 10	70 10 10	20 50 20	80 10 -50	90 -60 -30	90 -10 -10	60 30 -90	10 60 -20	10 50 -60

F.

21	22	23	24	25	26	27	28	29	30
12 22 -32	24 25 -47	38 11 -29	44 -11 -12	55 41 -16	76 23 -19	81 -51 66	94 -33 17	62 32 -54	99 -19 -80

LESSON 20



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
15 34 50	25 52 22	72 16 10	42 52 -24	84 15 -90	62 21 15	23 25 51	32 17 -49	11 28 60	36 62 -18

B.

11	12	13	14	15	16	17	18	19	20
52 46 -90	82 -71 56	29 -18 53	38 -26 37	11 58 -14	78 -63 24	11 11 27	17 32 -41	44 -11 66	53 45 -33

C.

21	22	23	24	25	26	27	28	29	30
62 -51 23 -13	87 -32 44 -89	76 23 -91 71	36 -26 59 -16	29 -18 53 25	42 -21 57 -61	23 15 61 -14	63 36 -72 -27	18 11 -19 -10	66 33 -19 13

D. Speed Writing

Score: _____

0123456789	9876543210

E. Memory Cards

	1	2	3	4	5	6
Numbers						
Beads						

F. Listening



	1	2	3	4	5	6
A						
B						
C						



	1	2	3	4	5	6
A						
B						
C						

LESSON 20

Training

Time: ____

Mark: ____ /30

A.

1	2	3	4	5	6	7	8	9	10
54 25 -62 81	78 21 -33 23	44 -32 12 75	86 10 -30 12	45 53 -98 35	25 64 -51 61	44 -21 26 50	68 10 -13 21	53 30 -32 -51	55 44 -18 10

B.

11	12	13	14	15	16	17	18	19	20
23 15 -12 63	30 54 -24 31	24 50 15 -16	14 30 -34 12	28 21 -39 57	71 27 -18 15	21 22 -33 64	81 13 -34 16	37 62 -44 22	59 40 -18 -81

C.

21	22	23	24	25	26	27	28	29	30
13 71 -82 17 -15	22 22 -44 55 11	54 45 -36 -63 99	76 23 -82 61 -27	80 13 -72 11 57	31 -20 83 -94 38	31 61 -72 10 69	28 -11 -10 72 -19	62 26 -88 44 55	55 -50 42 -20 12



Training

Time:

Mark: /30

D.

1	2	3	4	5	6	7	8	9	10
20 22 -11	62 -51 32	24 -13 51	28 -12 32	39 -17 52	38 -25 51	44 -32 16	18 21 -38	23 51 -74	27 -16 36

E.

11	12	13	14	15	16	17	18	19	20
42 -30 67	27 12 -39	11 53 -61	24 -13 52	37 -26 55	48 -23 54	57 21 -61	92 -81 11	85 12 -66	73 -62 55

F.

21	22	23	24	25	26	27	28	29	30
22 56 -73 42	47 -26 58 -62	56 23 -14 32	84 -72 65 -22	67 -12 34 -76	36 52 -78 23	29 -18 23 -32	64 -12 25 11	81 15 -76 24	89 -33 42 -77

LESSON 21



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
51	98	38	81	46	29	94	38	76	57
17	-87	-26	17	-25	-16	-83	-17	-21	32
30	23	51	-43	26	51	26	25	34	-89
-87	-12	-13	24	-31	25	52	53	-18	26
26	57	25	-16	50	-68	-34	-88	25	53

B.

11	12	13	14	15	16	17	18	19	20
31	87	38	77	24	48	76	65	22	16
53	-32	-16	21	55	-25	-51	-15	57	32
-82	33	27	-86	-68	61	24	24	-14	-18
27	-68	-46	32	21	-54	-42	-12	34	18
-14	56	15	-41	62	19	61	-61	-18	-36

C.

21	22	23	24	25	26	27	28	29	30
36	93	13	29	52	61	54	76	49	76
-15	-82	26	-15	26	37	15	-25	-37	-51
52	67	-18	-13	-67	-88	-62	41	26	23
-23	-56	27	45	38	76	71	-32	-13	-16
49	25	-32	51	-47	-31	-28	28	12	52

D. Speed Writing

Score: _____

0123456789	9876543210

E. Memory Cards

- Numbers

1	2	3	4	5	6

- Beads

1	2	3	4	5	6

F. Listening



	1	2	3	4	5	6
A						
B						
C						



	1	2	3	4	5	6
A						
B						
C						

LESSON 21



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
61	28	29	76	99	36	34	44	38	46
28	-16	50	23	-81	-21	55	-22	-17	51
-34	57	-69	-54	-18	72	-16	55	51	-92
23	-14	31	-45	72	-81	11	-22	-62	54
-68	23	52	36	27	22	-63	44	12	30
77	-55	-33	63	-99	-17	21	-90	25	-89

B.

11	12	13	14	15	16	17	18	19	20
22	18	99	55	88	32	89	23	12	25
22	71	-19	44	-73	15	-66	51	56	54
-33	-39	17	-99	61	-47	15	-24	11	-68
66	47	-32	16	-71	28	51	36	-29	27
-25	-11	24	53	44	-17	-64	13	32	-32
-52	-55	10	-69	50	35	22	-48	16	41

C.

21	22	23	24	25	26	27	28	29	30
26	67	22	46	39	98	49	34	81	36
62	32	77	51	-27	-46	-26	-13	-60	13
-88	-55	-33	-92	56	25	-12	52	21	-29
19	-44	-55	81	-62	-57	63	-61	-42	22
70	99	-11	-36	23	14	-51	25	52	-40
-38	-78	52	11	-15	-23	15	-15	31	66



Training

Time:

Mark: /30

D.

1	2	3	4	5	6	7	8	9	10
49 -25 -14 26	77 -21 43 -99	44 -22 -22 44	48 -37 52 -13	28 -15 51 25	12 12 15 -19	22 55 -77 88	84 -24 33 -92	49 50 -99 27	86 -31 -55 15

E.

11	12	13	14	15	16	17	18	19	20
33 11 55 -81	92 -81 25 53	77 -61 33 -45	79 -64 23 -12	97 -37 24 -52	78 -62 33 -27	49 -47 52 25	39 -34 72 -67	93 -43 21 -11	84 -33 22 -73

F.

21	22	23	24	25	26	27	28	29	30
98 -43 24 -56 25	68 -13 23 -75 26	79 -68 27 51 -78	39 -24 53 -17 12	89 -84 23 61 -32	49 -41 20 50 -61	69 -64 23 -12 51	55 24 -66 31 -12	30 63 -90 36 -29	33 55 -77 56 22

LESSON 22

Training

Time: ____

Mark: ____ /30

A.

1	2	3	4	5	6	7	8	9	10
81	11	23	55	17	74	28	61	52	56
16	53	51	23	12	-62	-16	28	17	23
-42	-14	-24	-62	-24	35	57	-34	-14	-64
23	25	36	51	53	-46	-14	23	23	52
-18	13	13	-17	11	28	23	-68	-18	-17

B.

11	12	13	14	15	16	17	18	19	20
12	24	81	93	32	25	23	12	89	62
56	15	13	-81	15	54	51	57	-78	15
11	-39	-44	57	-46	-68	-72	-63	13	21
-29	76	25	-16	28	27	67	22	55	-36
32	23	14	25	-17	-32	-14	-18	-64	25

C.

21	22	23	24	25	26	27	28	29	30
32	81	62	32	12	76	81	74	92	57
51	17	35	67	57	21	15	-23	-61	12
-32	-96	-86	-48	-66	-42	-76	15	56	-63
41	27	25	25	45	23	25	-61	-87	42
-52	-18	-16	-61	-38	-68	54	34	25	51
-30	53	21	23	61	26	-88	-29	13	-98

D. Speed Writing

Score: _____

0123456789	9876543210

E. Memory Cards

	1	2	3	4	5	6
Numbers						
Beads						

F. Listening



	1	2	3	4	5	6
A						
B						
C						



	1	2	3	4	5	6
A						
B						
C						

LESSON 22

Training

Time: _____

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
15	62	11	29	51	25	89	28	22	36
74	17	35	-18	23	53	-34	51	57	63
-39	-24	-21	35	-64	-68	21	-64	-64	-71
26	13	52	-26	28	27	-66	-15	23	-27
13	-52	-67	54	-16	-35	25	12	51	98
-34	11	25	-13	21	17	12	61	-84	-27

B.

11	12	13	14	15	16	17	18	19	20
13	82	56	62	14	56	11	24	83	21
25	-31	23	-51	35	42	58	-13	-32	52
51	27	-64	28	-46	-87	-14	51	16	-63
-88	-76	21	-36	55	56	21	25	-57	24
25	55	-16	25	21	-12	-65	-67	14	55
-16	11	53	-16	-73	24	27	14	-23	-76

C.

21	22	23	24	25	26	27	28	29	30
83	25	62	96	78	99	26	46	85	15
-32	63	11	-41	11	-55	22	51	-60	14
16	-82	-23	24	-89	-22	-18	-77	13	70
-57	21	42	-63	54	-11	69	29	-27	-81
14	-16	-72	52	-51	-11	-99	-13	-11	-18
-21	28	51	-12	16	99	38	-15	41	56



Training

Time:

Mark: /30

D.

1	2	3	4	5	6	7	8	9	10
26 21 -37 19	22 22 -44 32	21 12 11 -33	61 -51 10 17	77 -16 -61 88	23 71 -90 15	89 10 -99 38	36 12 -48 55	17 11 21 -40	78 -21 40 -17

E.

11	12	13	14	15	16	17	18	19	20
58 40 -91 72	25 52 -77 39	41 -30 83 -54	11 11 -22 11	45 54 -71 -11	32 17 -29 58	24 25 50 -99	64 35 -19 -70	23 26 -39 66	12 12 25 50

F.

21	22	23	24	25	26	27	28	29	30
81 18 -72 -17 -10	35 14 -27 52 -60	64 20 15 -89 11	31 13 -44 12 37	99 -87 12 -24 79	84 -73 77 -16 25	11 12 -13 14 15	55 44 -38 17 -55	38 51 -89 99 -44	22 25 -41 73 -69

LESSON 23

Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
57	76	48	65	76	22	14	85	82	66
32	-21	-25	24	-51	57	15	12	-71	-11
-89	34	61	-68	24	-14	-23	-86	56	32
26	-18	-54	27	-42	34	31	21	32	12
53	25	19	-46	61	-18	11	-32	-89	-43

B.

11	12	13	14	15	16	17	18	19	20
48	72	78	24	51	98	84	52	98	44
-37	-60	-63	-12	22	-87	-53	46	-87	-23
25	32	24	36	-61	13	67	-87	13	16
-26	-44	-32	-42	35	-21	-87	25	-21	-27
34	21	21	71	-21	15	11	13	15	13

C.

21	22	23	24	25	26	27	28	29	30
76	38	87	65	48	57	16	51	87	77
-21	-17	12	24	-25	32	32	17	-32	21
34	25	-89	-68	61	-89	-18	30	43	-86
-18	53	26	27	-54	26	12	-87	-68	32
25	-88	53	-46	19	53	-32	26	56	-41
-61	26	-64	21	-32	-64	25	12	-31	25

D. Speed Writing

Score: _____

0123456789	9876543210

E. Memory Cards

	1	2	3	4	5	6
Numbers						
Beads						

F. Listening



	1	2	3	4	5	6
A						
B						
C						



	1	2	3	4	5	6
A						
B						
C						

LESSON 23



Training

Time:

Mark: /30

A.

1	2	3	4	5	6	7	8	9	10
47	98	83	98	27	43	24	54	39	78
-36	-86	-72	-77	51	-22	-13	15	-18	-16
52	32	58	26	-78	53	52	-18	67	25
35	-44	-14	-35	44	-64	35	26	-81	-56
-76	38	31	52	-21	29	-73	-71	22	13
-11	-12	-76	-14	56	-18	61	42	-13	-32

B.

11	12	13	14	15	16	17	18	19	20
55	22	73	17	89	92	68	29	37	89
13	56	-62	32	-78	-31	-13	-17	-22	-78
-68	-63	58	-29	53	26	42	52	54	53
42	-15	-14	54	-14	-85	-67	-61	-18	-14
-31	93	23	-13	27	47	54	35	26	27
71	-21	-62	25	-56	-32	-23	-12	-51	-56

C.

21	22	23	24	25	26	27	28	29	30
86	12	96	74	62	18	12	35	21	34
-65	57	-45	-63	27	-12	67	62	53	-12
23	-14	28	28	-66	32	-24	-91	-62	56
-42	23	-69	-15	51	51	32	23	27	-23
67	-62	25	-12	-72	-74	-17	-18	-36	41
-14	31	14	57	47	22	21	73	25	-85



Training

Time:

Mark: /30

D.

1	2	3	4	5	6	7	8	9	10
84 -23 15 -61	63 -51 15 -27	52 25 -62 34	63 35 -98 27	76 -65 13 -23	22 57 -64 23	57 21 -63 22	92 -31 26 -85	22 55 -61 33	28 -15 51 25

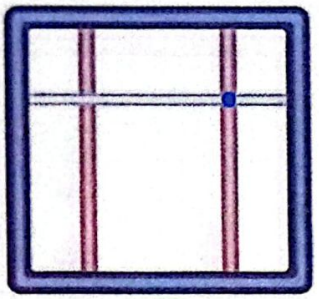
E.

11	12	13	14	15	16	17	18	19	20
25 53 -62 33	82 15 -37 24	47 -36 11 25	12 35 -37 54	48 -37 52 -13	82 -11 26 -37	92 -81 25 53	27 22 -47 52	99 -44 23 -66	11 33 55 -38

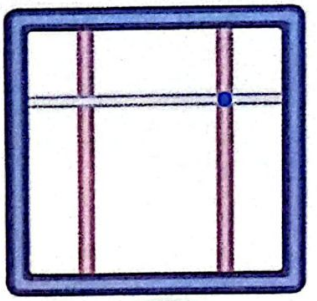
F.

21	22	23	24	25	26	27	28	29	30
11 22 -33 44 55	23 51 -63 25 11	72 15 -36 28 -64	11 51 -60 55 -50	99 -45 20 -73 11	69 -58 13 -21 56	42 56 -48 23 -11	12 -11 13 -14 15	28 -13 24 -39 16	44 -23 65 -80 12

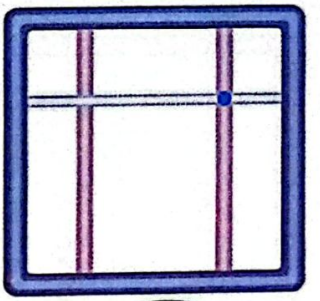
A. Draw beads according to the given number.



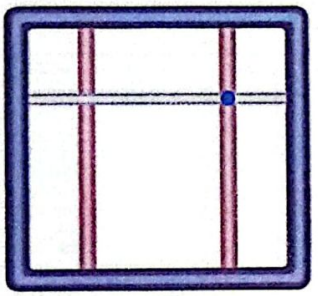
95



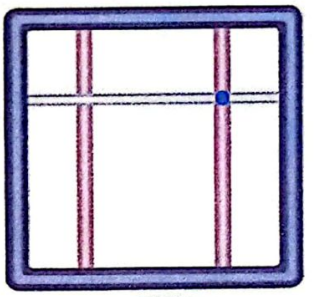
37



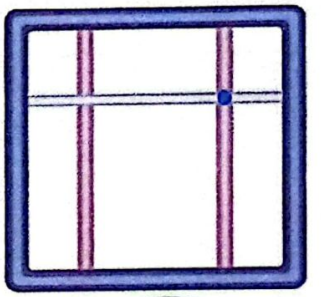
78



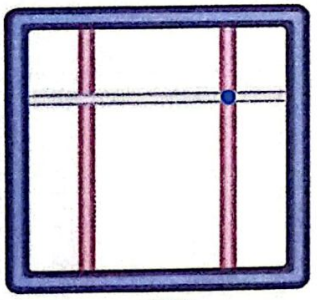
32



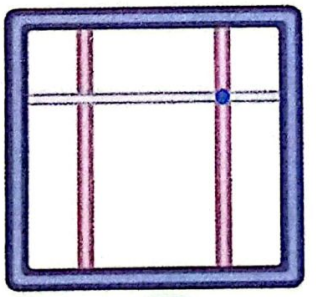
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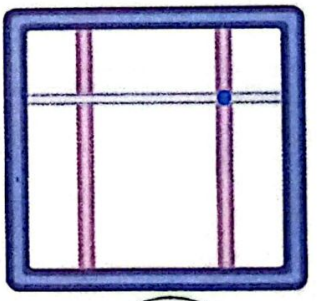
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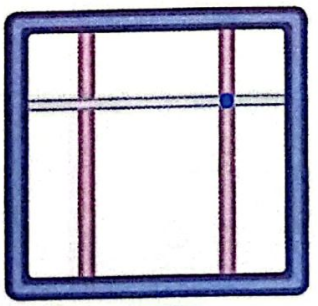
81



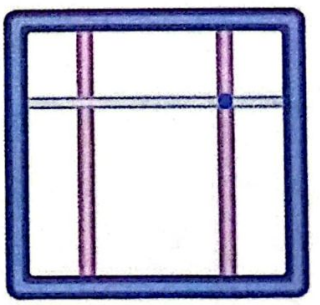
66



73

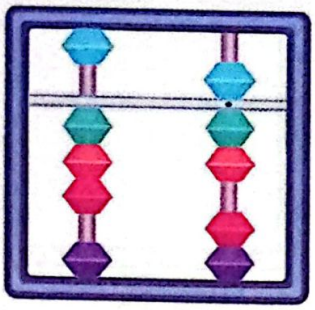


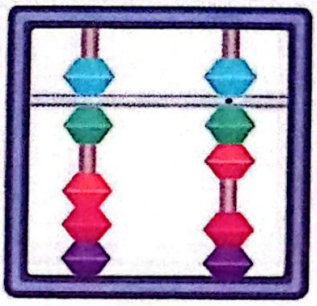
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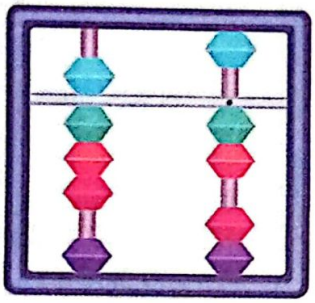


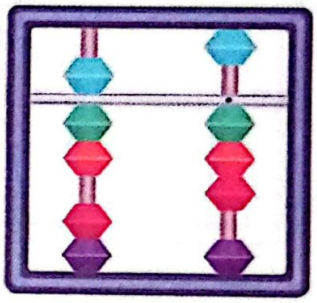
65

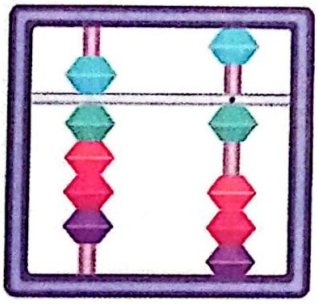
B. Match each number to its soroban.

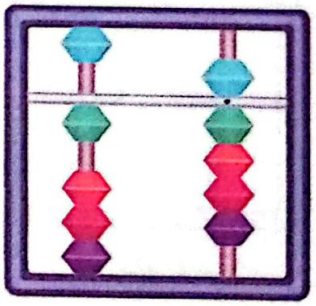


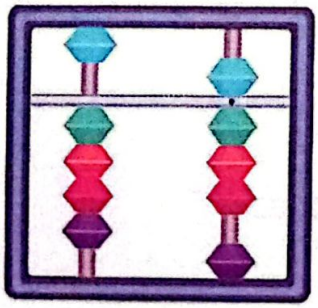


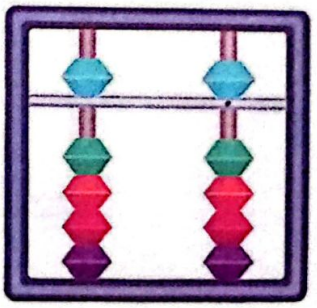












82

37

19

67

73

48

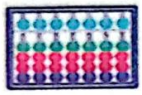
55

91

ASSESSMENT

Time: ( )

Mark: (/30)

A. Calculate using the  .

1	2	3	4	5	6	7	8	9	10
8	9	6	8	24	38	77	22	49	11
-7	-4	-5	-6	55	-6	-5	22	50	58
2	3	1	2	-8	15	17	55	-36	-17
-3	-8	-2	-4	21	52	-8	-99	25	42
6	6	3	5	-32	-9	-50	27	-82	-91
2	2	6	3	9	-90	13	12	13	36
-8	-7	-9	-6	-17	27	-44	-31	60	-26
4	1	4	2	5	51	6	41	-29	75

Time:

Mark: /30

B. Calculate  .

1	2	3	4	5	6	7	8	9	10
2	6	7	3	28	56	82	23	99	53
7	3	-2	5	-5	-1	7	15	-13	25
-8	-4	3	-2	11	4	-60	11	-31	21
3	2	-8	-1	-2	30	-4	50	44	-72
5	-5	5	4	-2	-9	-5	-22	-89	61
-4	7	1	-6	61	11	59	-77	17	-35