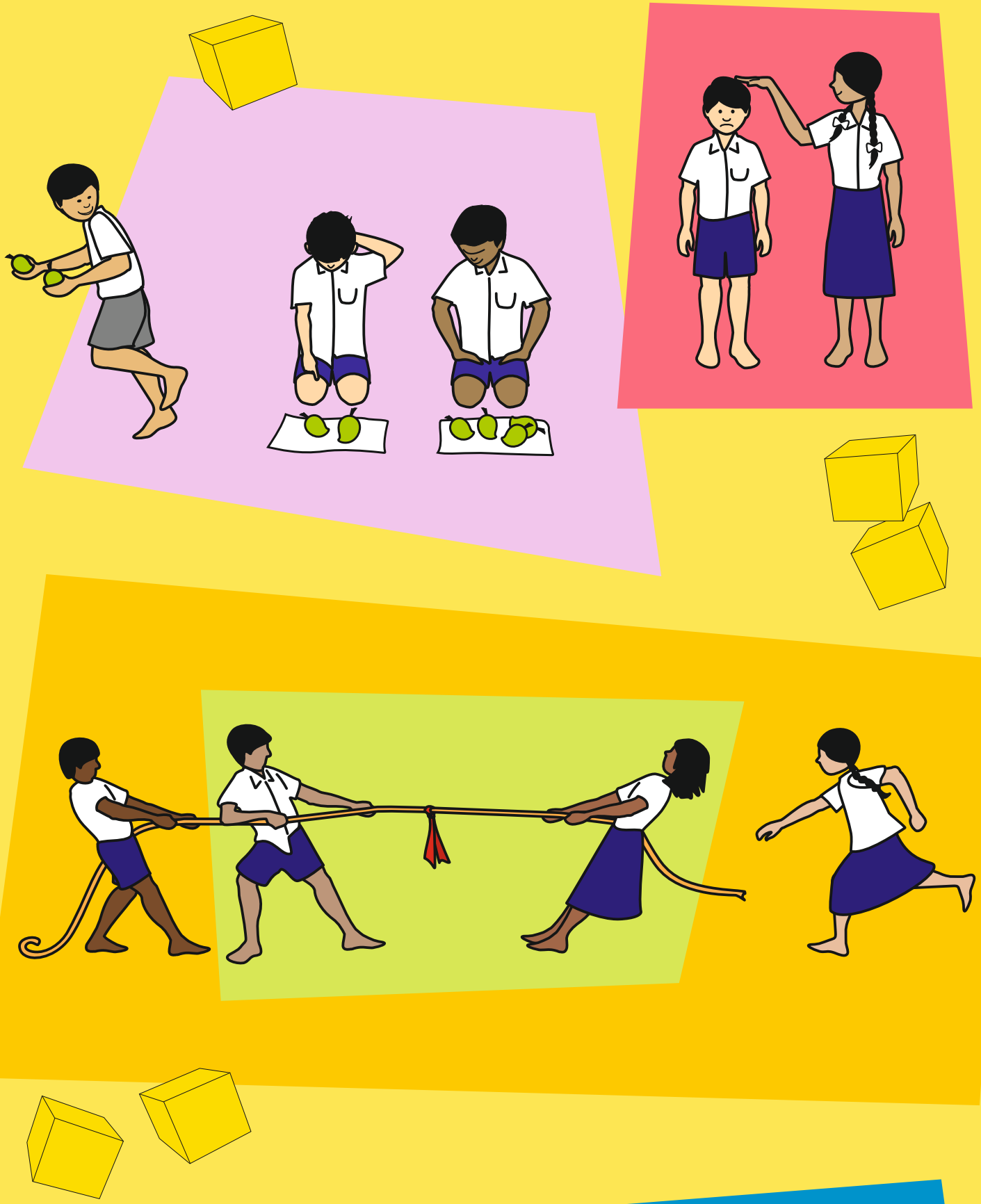

Math Delight - 2

Universal Active Math

Math has many languages

The language of hands and fingers
The language of words
The language of sounds
The language of pictures
The language of things
The language of shapes
The language of patterns
The language of numbers

Math does not have only one language. Therefore it cannot be learned only through paper, pen or blackboard nor can it be memorized/ learned by rote.

This method aims at introducing all the languages of math. We will use objects for the language of things, and then for the language of pictures and the language of numbers we will use Math Delight.

The child who is familiar with this way of learning math, would enjoy, discover, understand, and master math.

Universal Active Math

Math Delight - 2

Conceived and Written by

Dr. Vivek Monteiro, Geeta Mahashabde
Universal Active Math team

Universal Active Math - Math Delight II (Of a series of Math Delight I to VIII)

© **Vivek Monteiro, Geeta Mahashabde, Navnirmiti Trust, Navnirmiti Learning Foundation**

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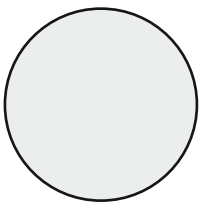
Dear _____

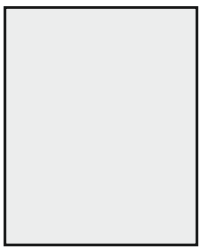
This is your book.
Your Math book.
Have fun doing the problems.
Enjoy Math!

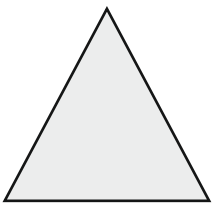
Teacher _____

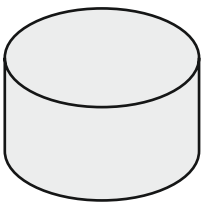
Draw your picture here :

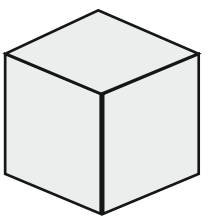
Look at the given shape.
Draw some objects of similar shape that you see around you.





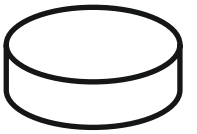




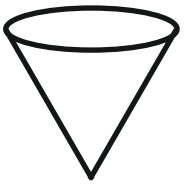


Draw a line matching the shape with its description.

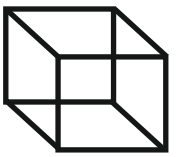
A flat shape with four corners



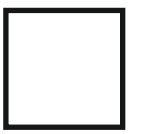
A cube with eight corners



A shape with two flat circles



A shape with one flat circle

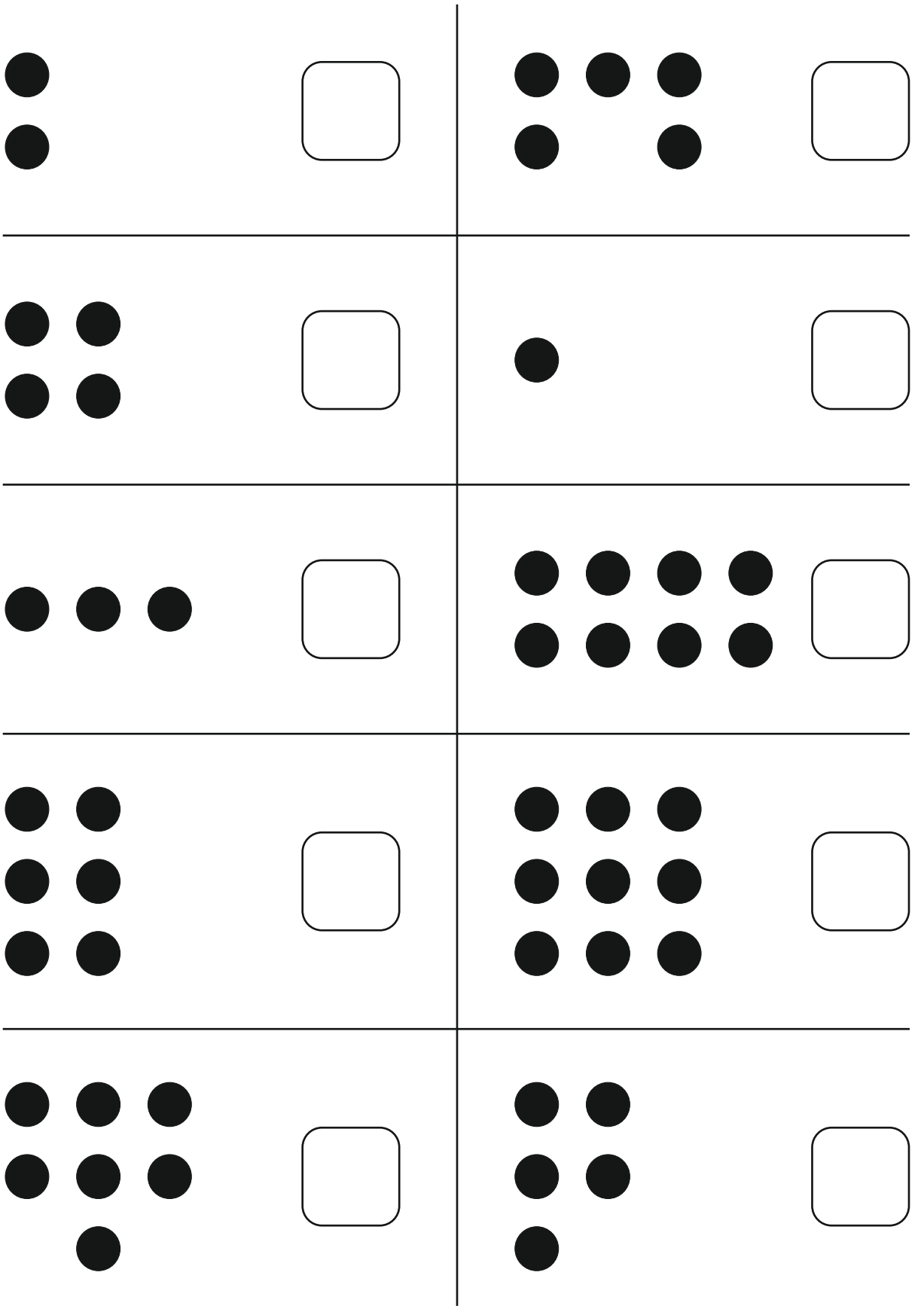


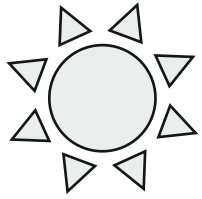
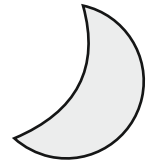
Draw the picture.

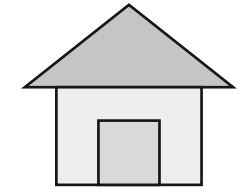
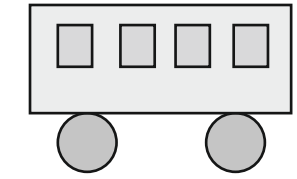
A sharp pointed object

A rolling object

How many? Write the number.



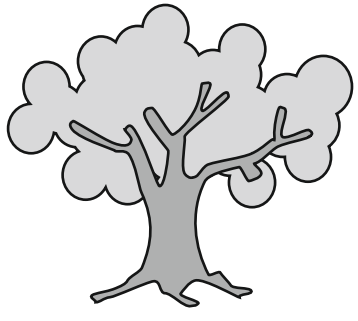
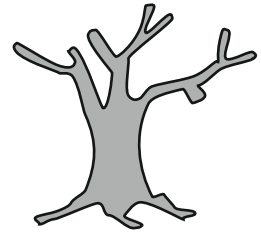
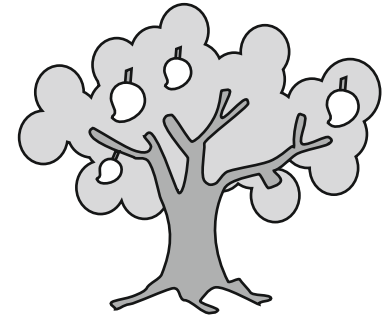
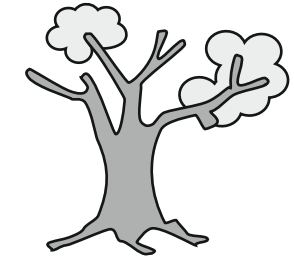
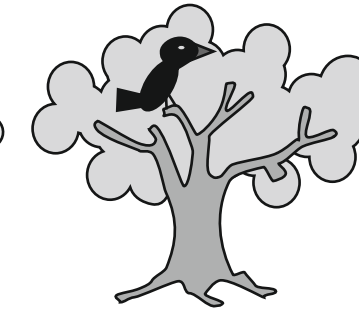
In which number position is the moon? _____

In which number position is the star? _____

In what number position is the bus? _____

Which is the fourth picture? _____

Which is the first picture? _____

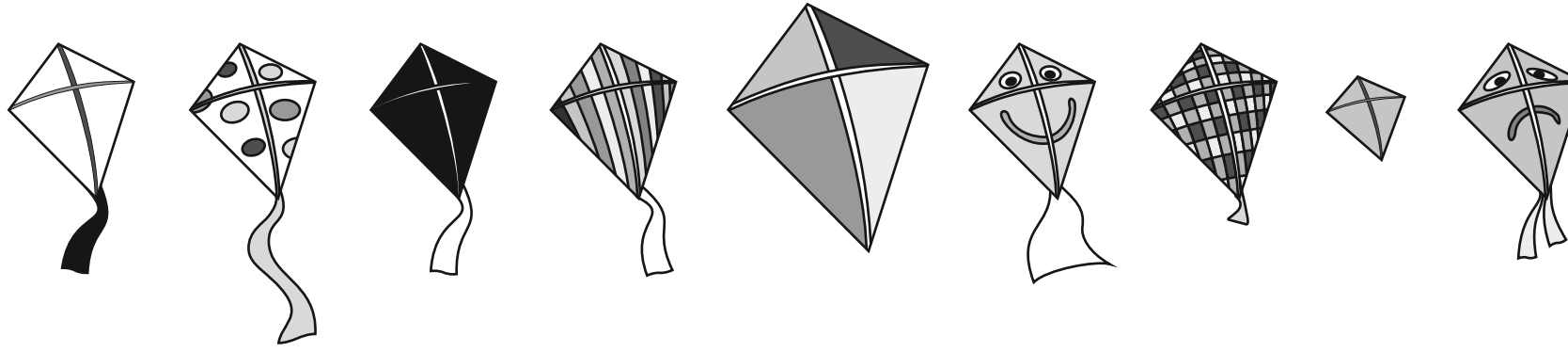
What is the first picture? _____

In which number position is the tree with the crow? _____

In which number position is the mango tree? _____

What is the third tree of? _____

What is the difference between the second and the fourth tree? _____



What colour is the third kite? _____

What position is the striped kite? _____

How many kites do not have tails? _____

What is the mood of the ninth kite? _____

How many kites have two tails? _____

How many kites are there after the smallest kite? _____

In what number position is the smiling kite? _____

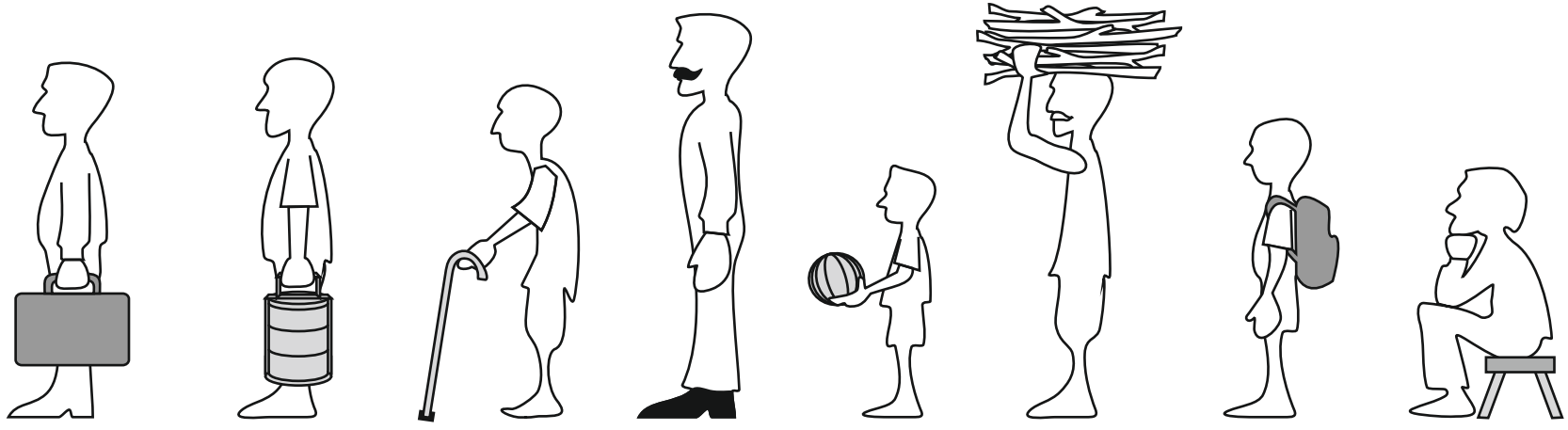
What position is the kite with circles? _____

How many with tails? _____ How many kites in all? _____

Colour the first kite.

How many kites are there before the biggest kite? _____

In what position is the kite with the longest tail? _____



In which number position is the grandpa with stick? _____

In which number position is the man with the bundle on his head? _____

What is in the hand of the fifth person? _____

What is the first man holding? _____

What is the total number of persons in the queue? _____

What is the second man holding in his hand? _____

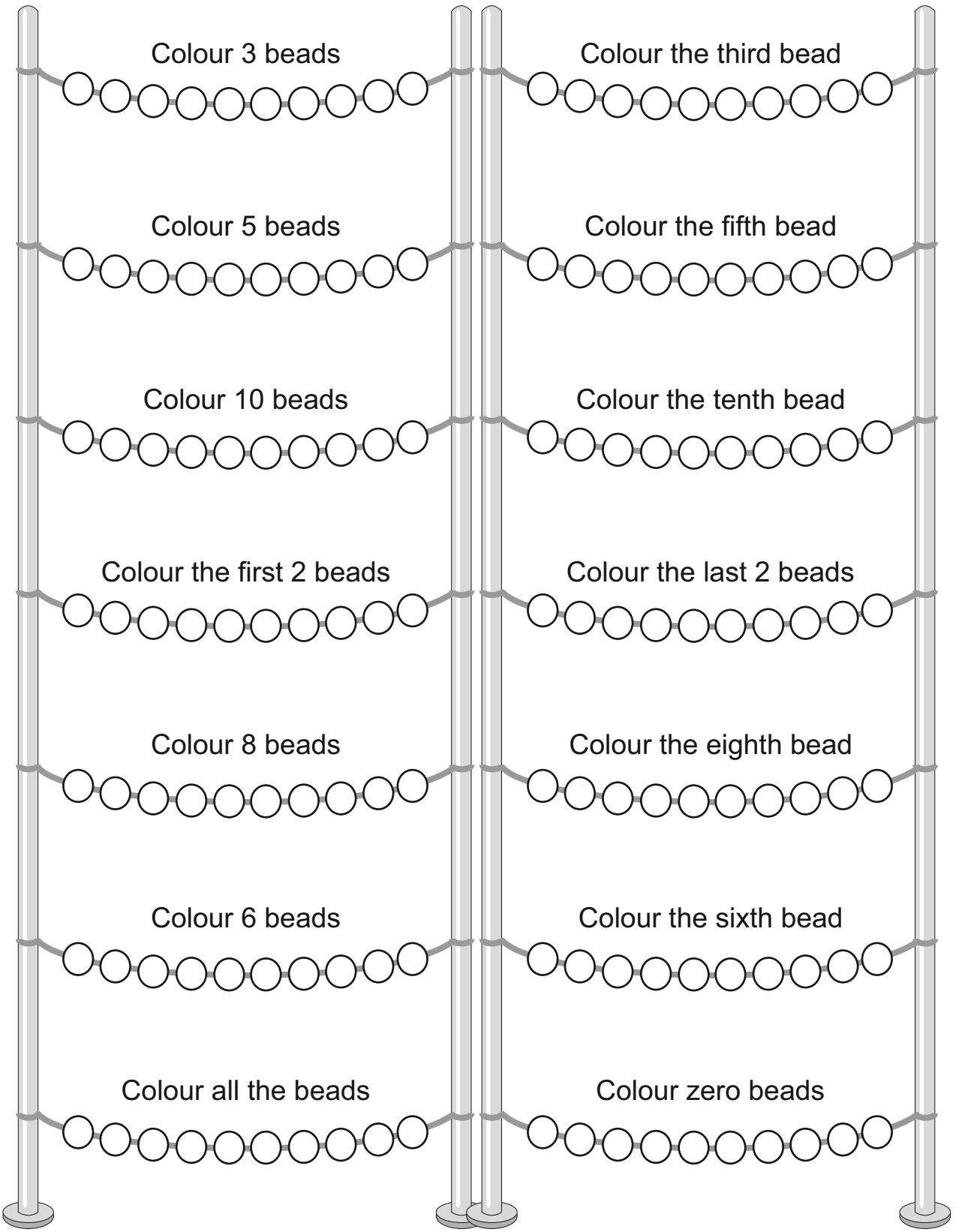
In what position is the man with the moustache? _____

In what position is the child with the bag? _____

How many small children are in the queue? _____

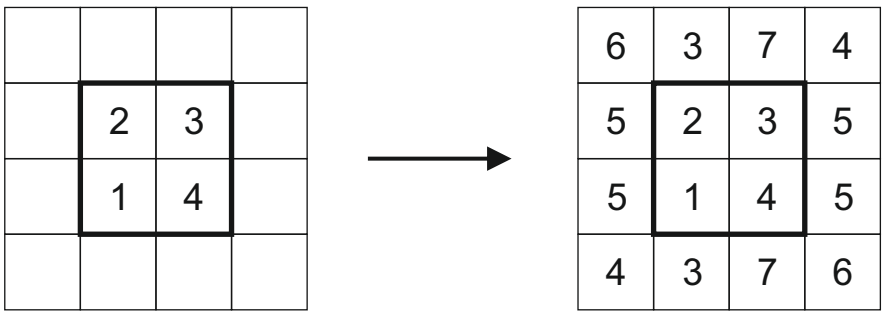
How many girls are in the queue? _____

What is the number position of the last person? _____ What is he doing? _____


Colour 3 beads
Colour the third bead
Colour 5 beads
Colour the fifth bead
Colour 10 beads
Colour the tenth bead
Colour the first 2 beads
Colour the last 2 beads
Colour 8 beads
Colour the eighth bead
Colour 6 beads
Colour the sixth bead
Colour all the beads
Colour zero beads

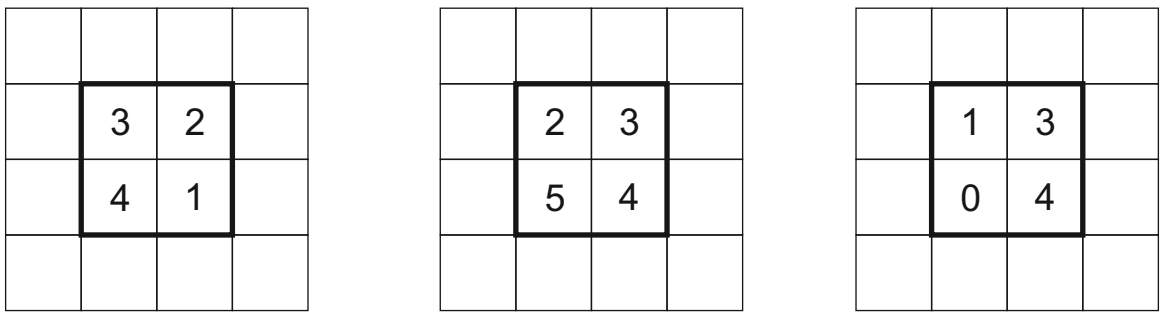
Addition grids

Write the additions in standing, sleeping and slant lines forwards and backwards.

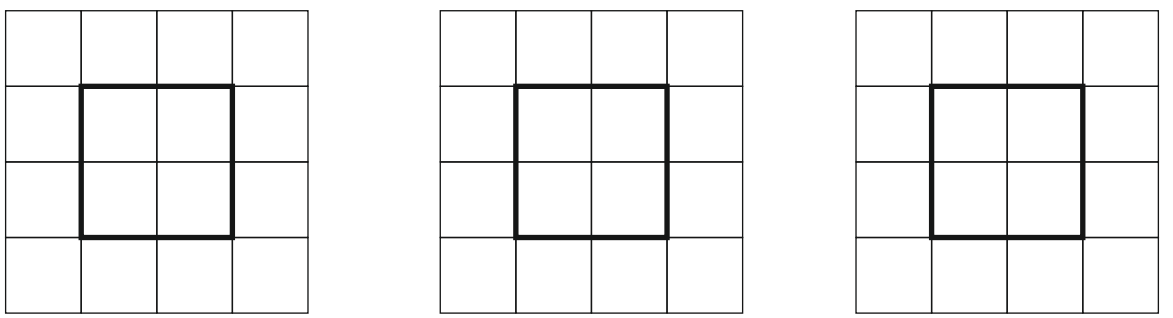


Colour the pairs of alike numbers. Use a different colour for each pair. Observe the pattern.

Fill up the following grids and discuss the patterns.



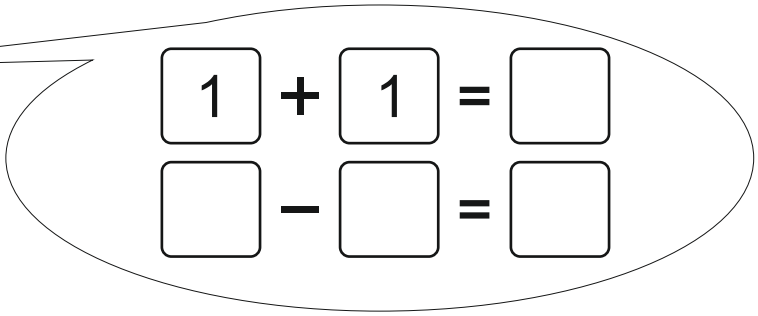
Write any four single digit numbers in the central four boxes and observe the patterns.

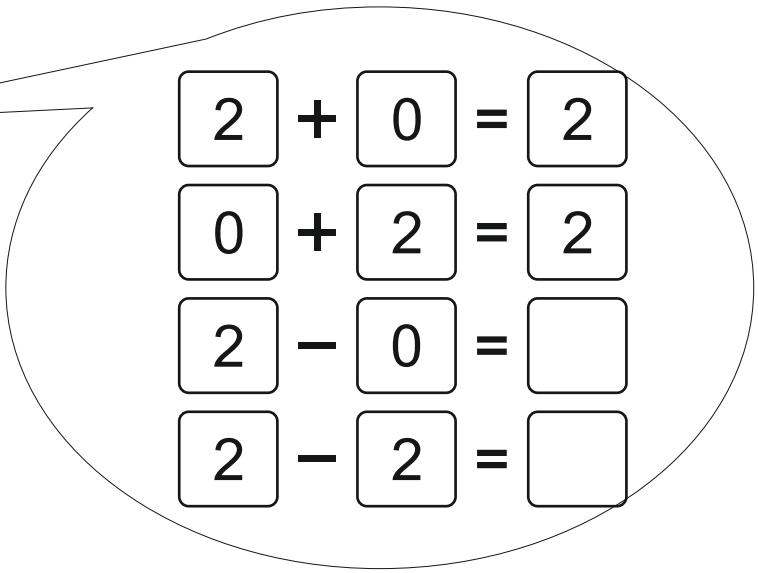


Thanks to W.W. Sawyer

Colour all possible combinations of addition rods of the given number and write addition - subtraction statements for each one of them.

TOTAL 2

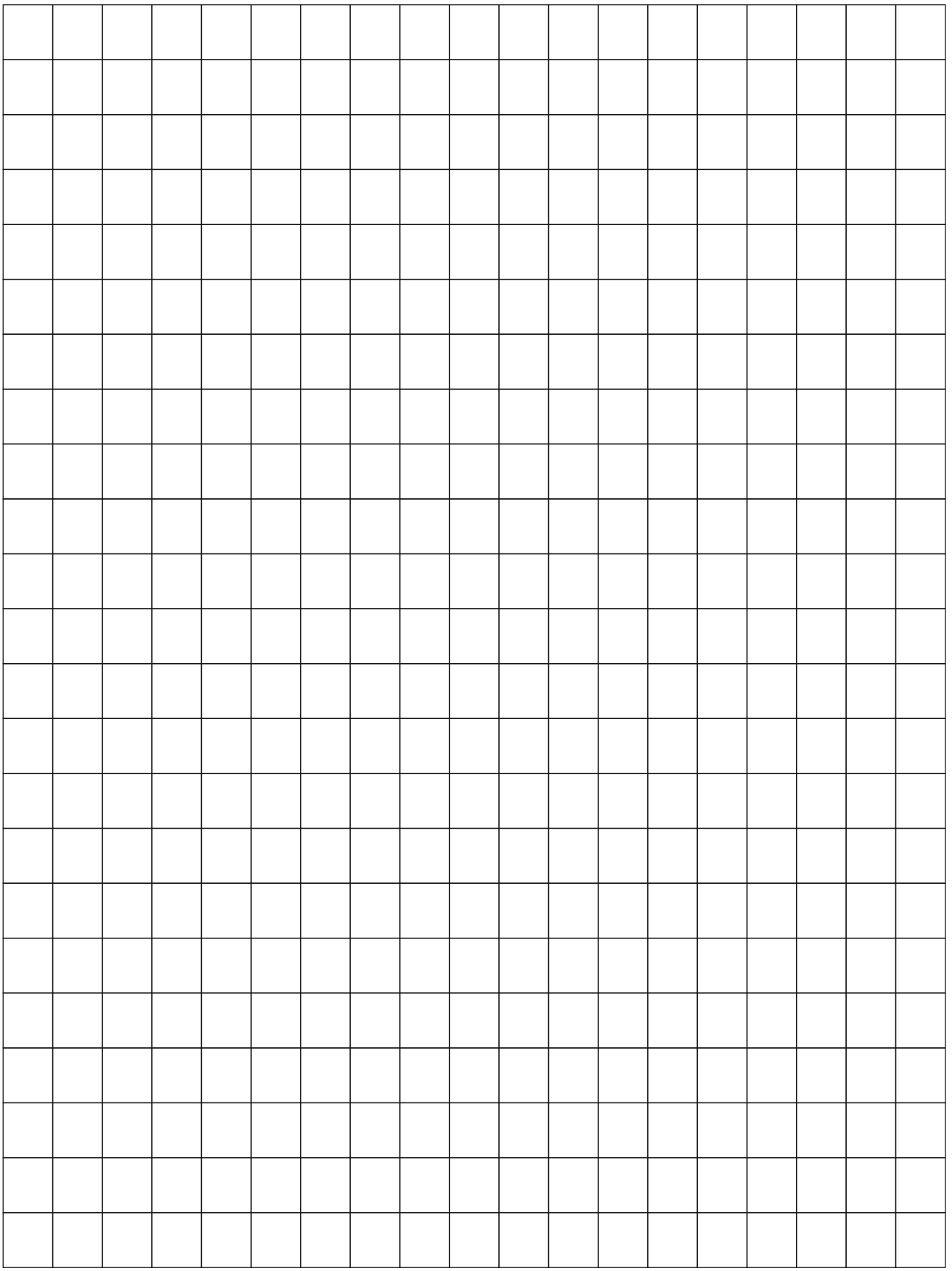




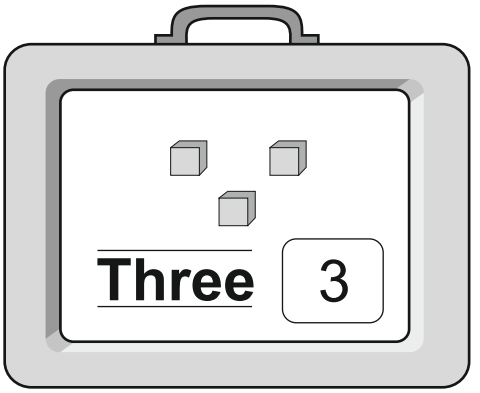
TOTAL 3

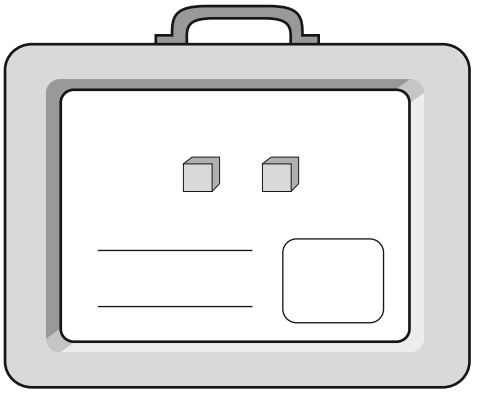
3	+	0	=	3					+		=			
	+		=						+		=			
	-		=						-		=			
	-		=						-		=			

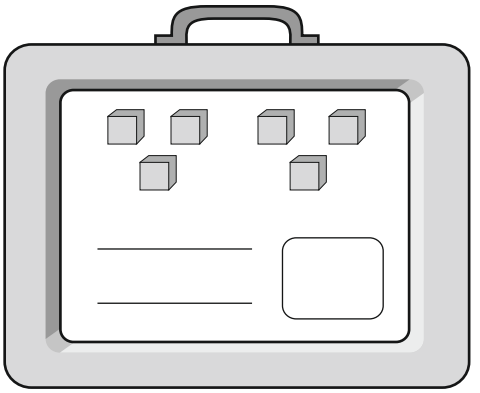
Colour and write addition - subtraction statements for numbers 4 to 10

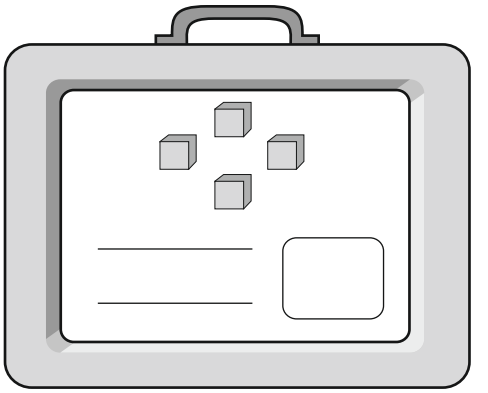


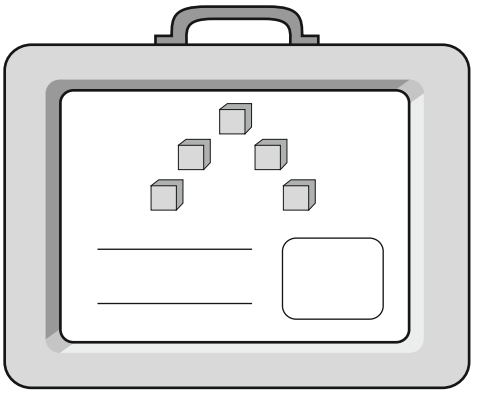
How many cubes on the slate? Write in words and numerals.

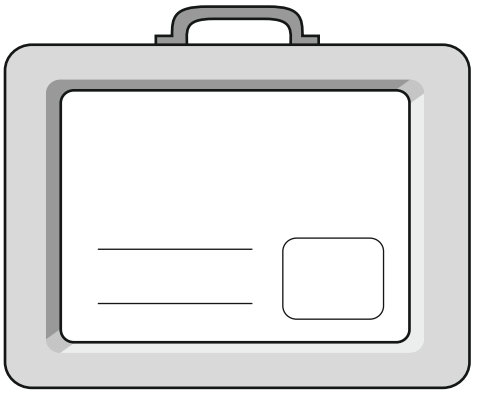


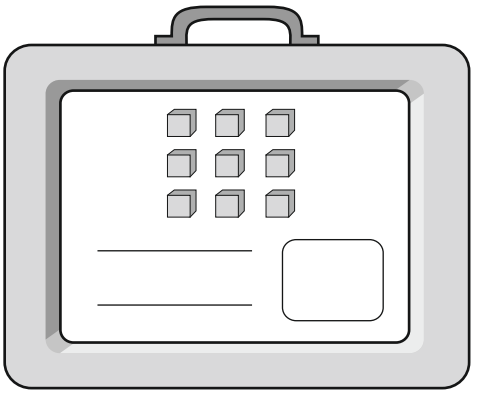


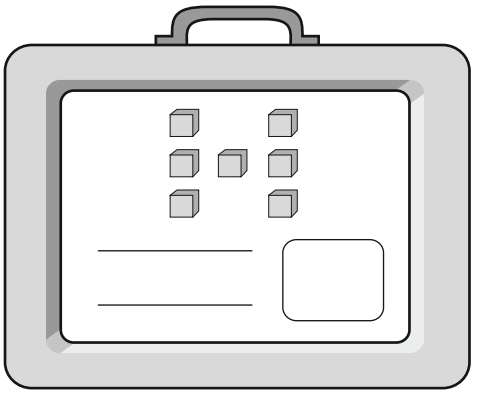




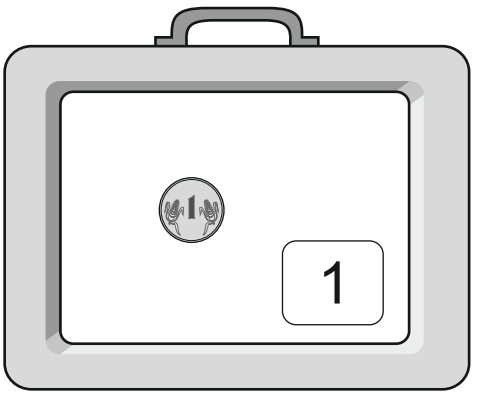


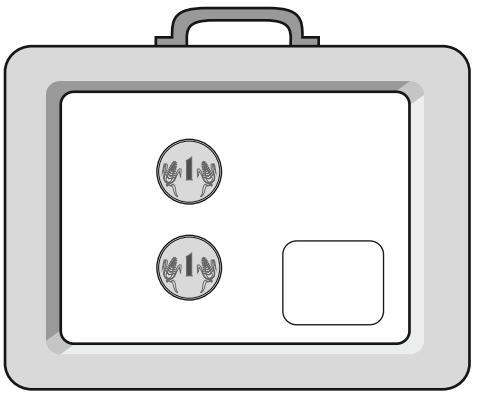


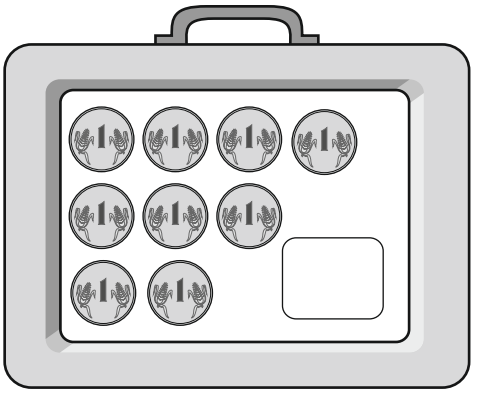


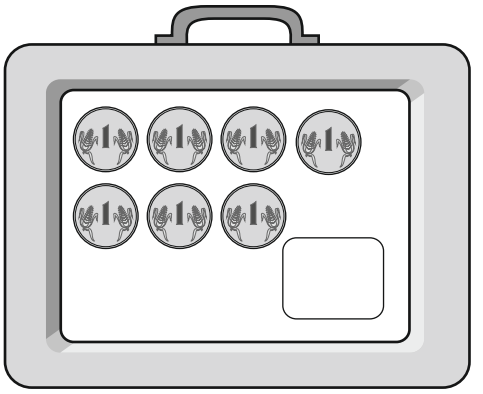


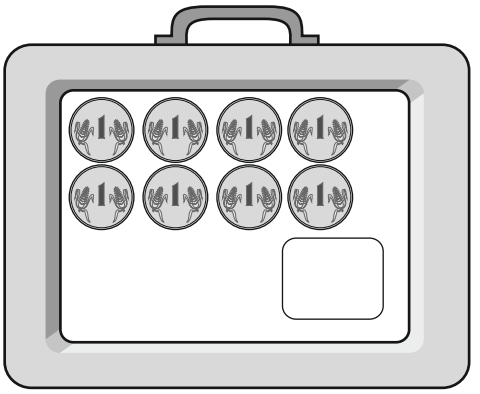
How many rupees on the slate? Write in numerals.

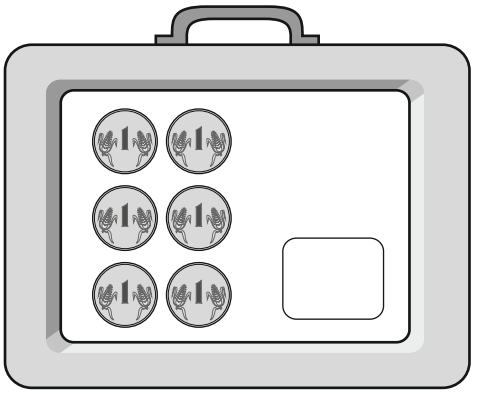


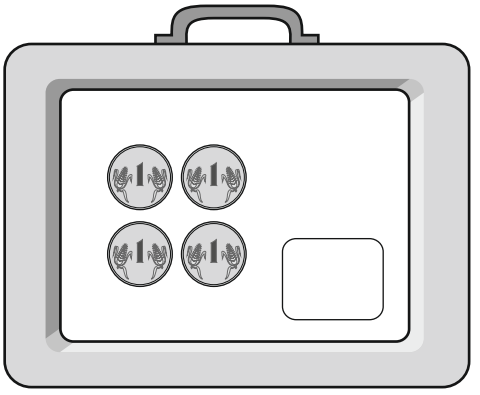


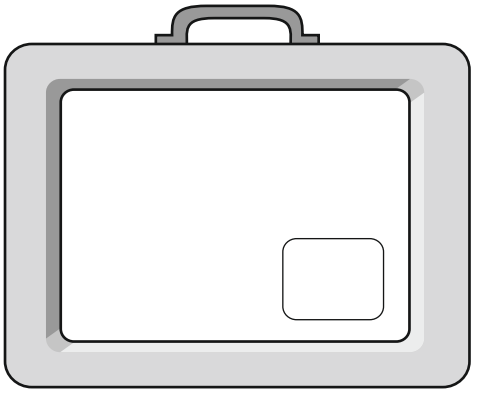






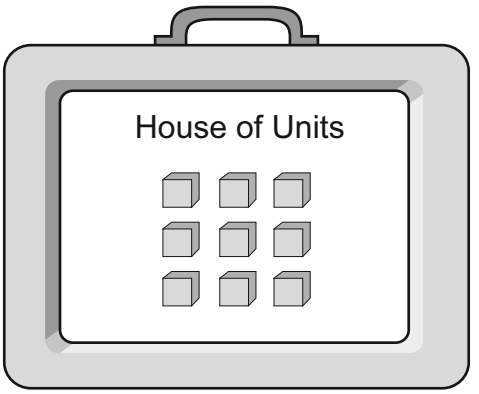




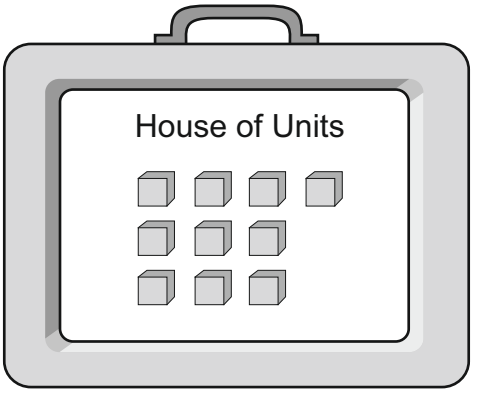


Ten Units = One Ten

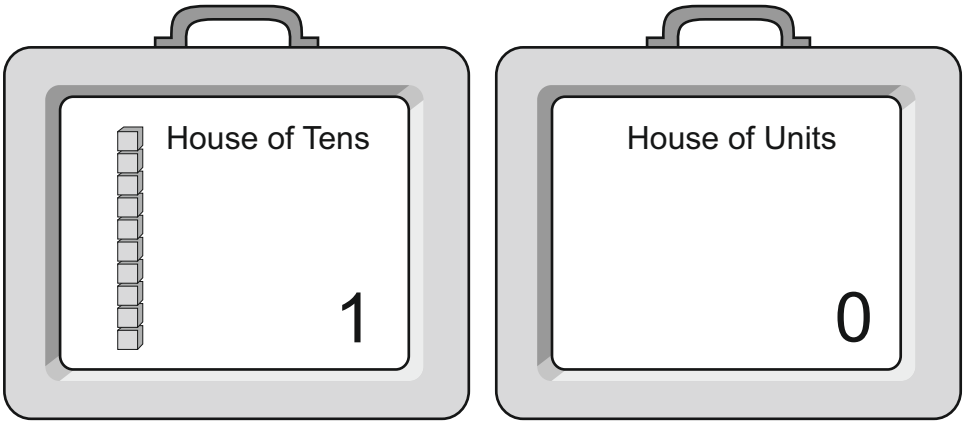
Nine Units on the slate



We place one more Unit.
Now there are ten units
on the slate.



Join the ten units to make a rod of Ten.
Make a house of tens. Place the rod in the house of tens.



Ten Units = One Ten

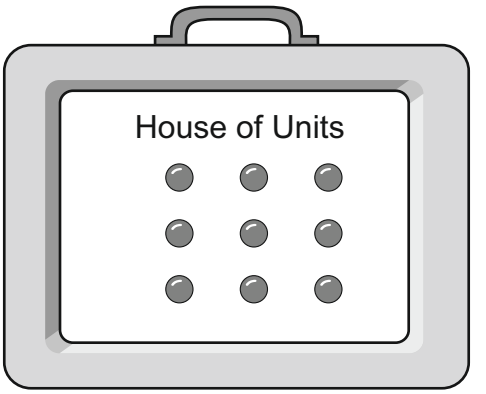
Ten Units = 1 Ten =

Tens	Units
1	0

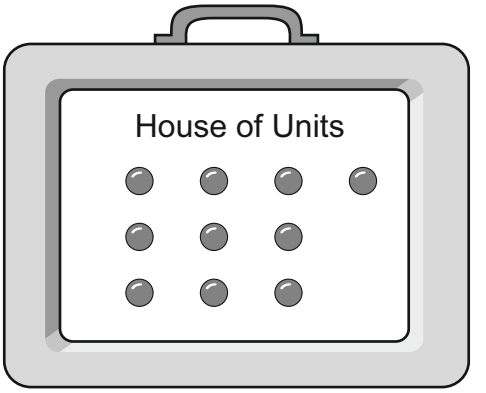
= 10

Making Tens with beads

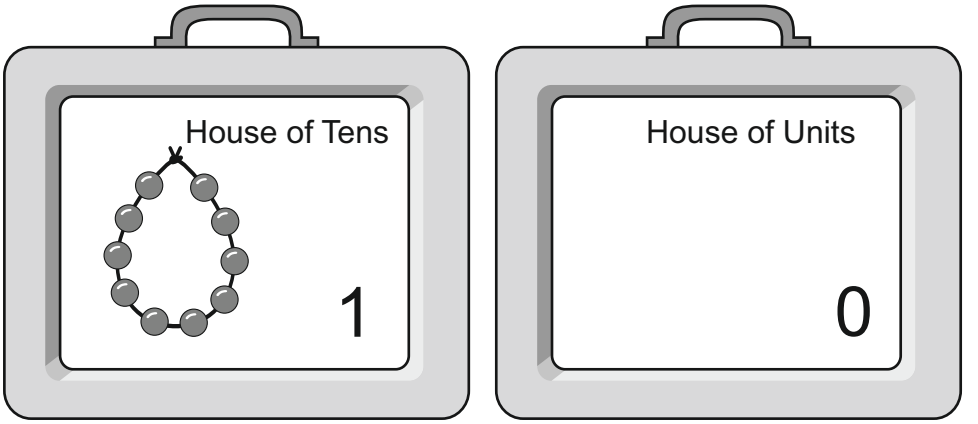
Nine loose beads on the slate



We place one more bead. Now there are ten loose beads on the slate.



String them to make a ring of ten beads. This ring of ten beads is a 'Ten'.

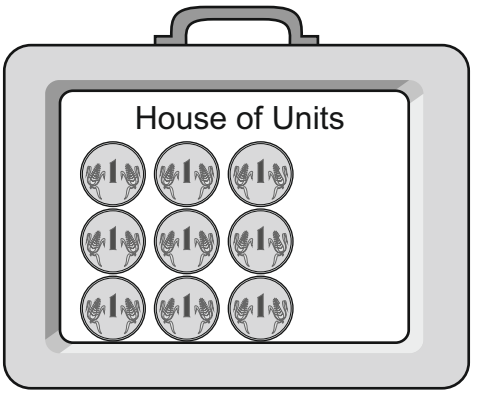


Ten Units = One Ten

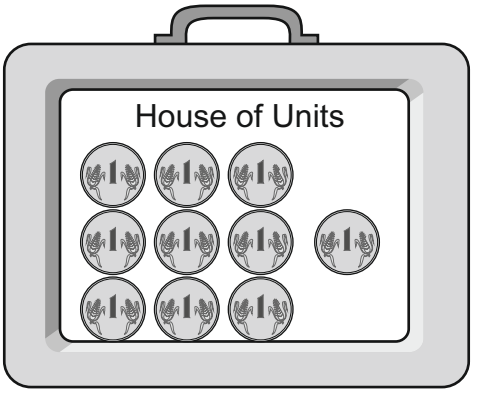
Ten Units = ☐ Ten = | Tens | Units | = ☐

Ten Units = One Ten

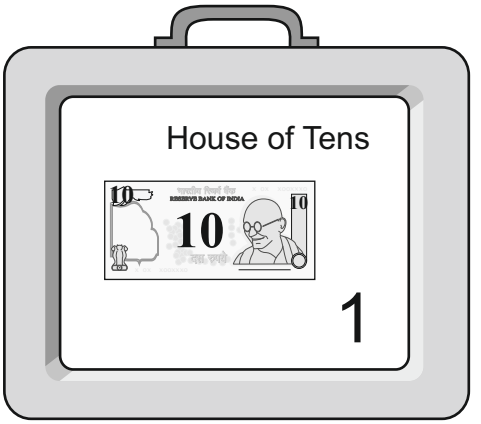
Nine one-rupee coins on the slate

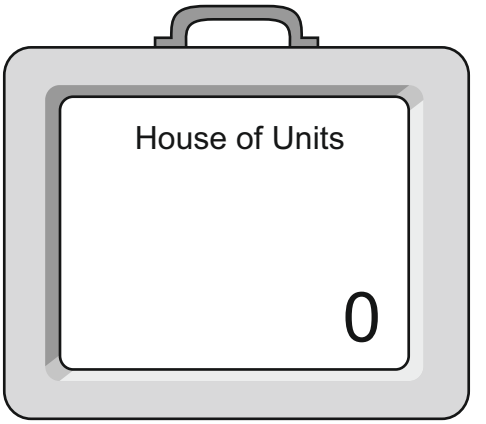


Add one more Unit.
Now there are Ten Units on the slate.



Exchange them to get a note of Ten.





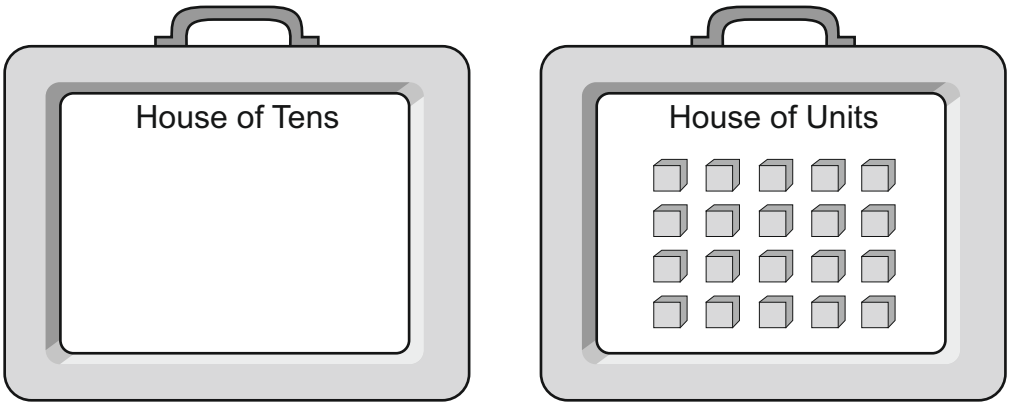
Ten Units = One Ten

Ten Units = 1 Ten =

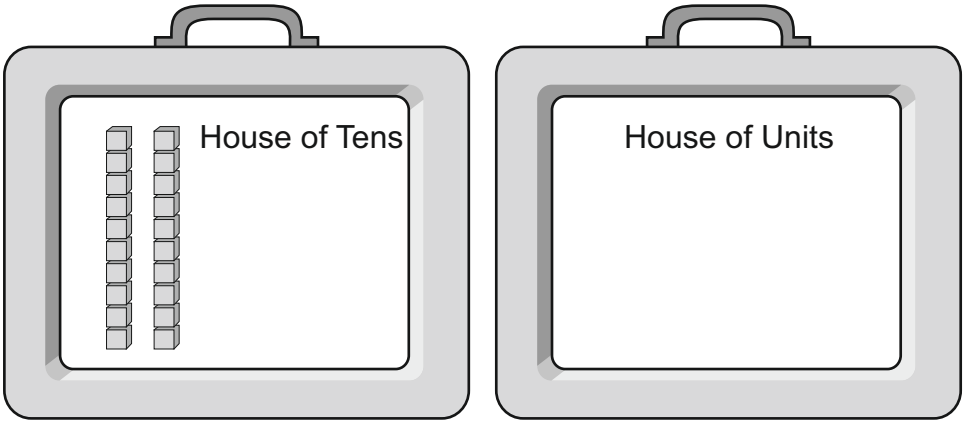
Tens	Units
1	0

= 10

Twenty units in the house of units.



Join the units to make two rods of ten. Keep the two rods in their house.
These are '2 Tens'.



Twenty Units = 2 Tens = | Tens | Units | = 2 0

Tens	Units
2	0

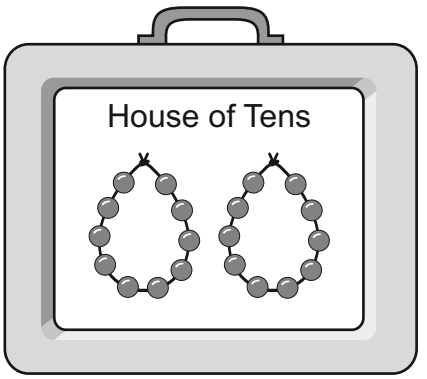
Forty Units = ____ Tens = | Tens | Units | = ____

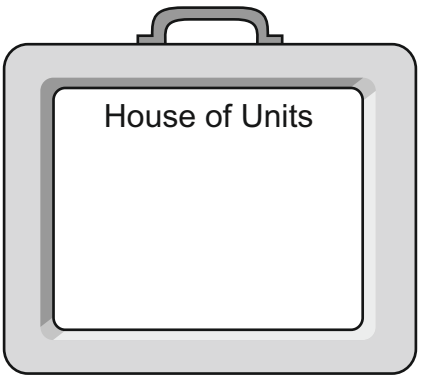
Tens	Units

Seventy Units = ____ Tens = | Tens | Units | = ____

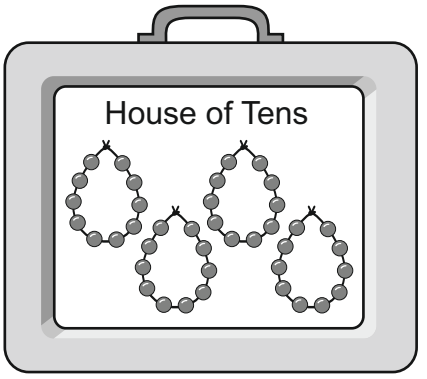
Tens	Units

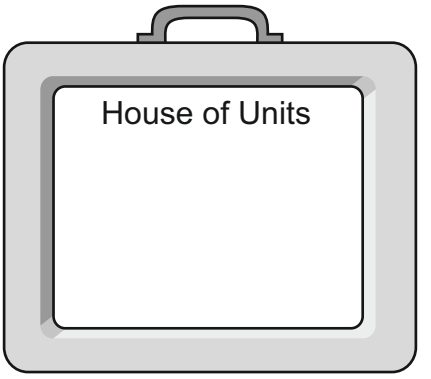
How many ? Write the Number.



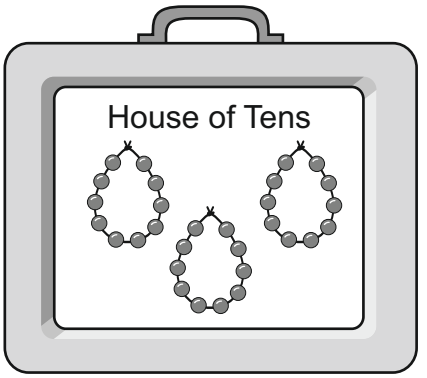


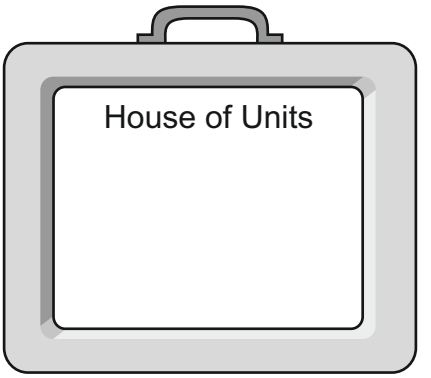
Tens	Units



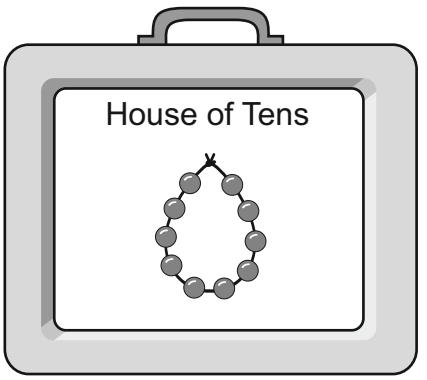


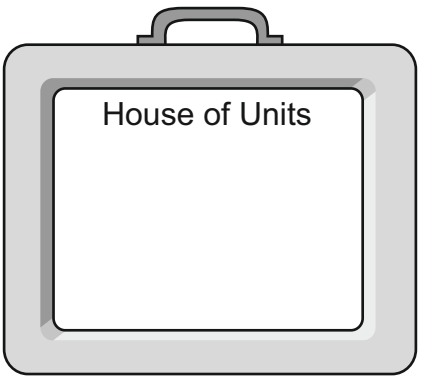
Tens	Units





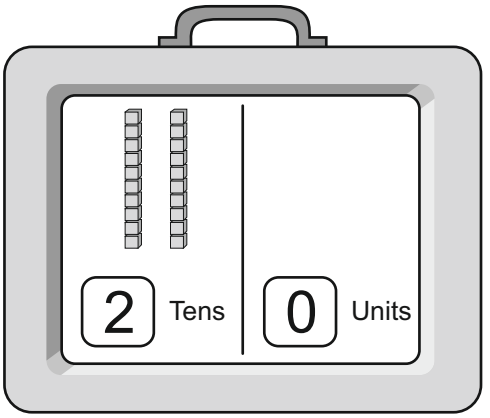
Tens	Units





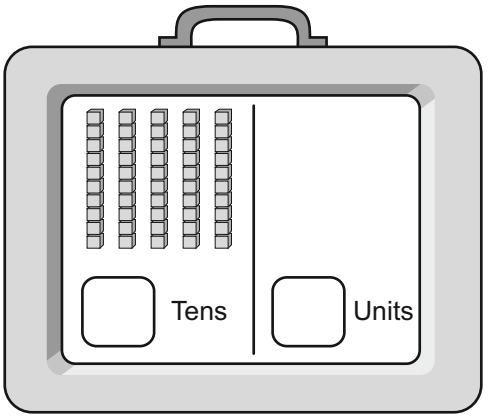
Tens	Units

How many rods? How many cubes? What is the number?



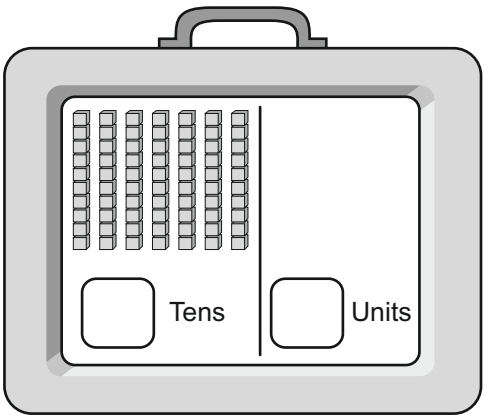
Tens	Units
2	0

= Twenty



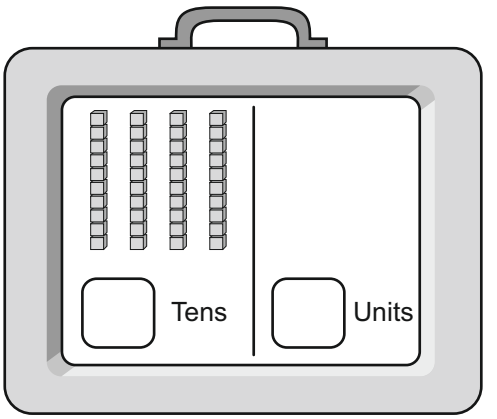
Tens	Units

= _____



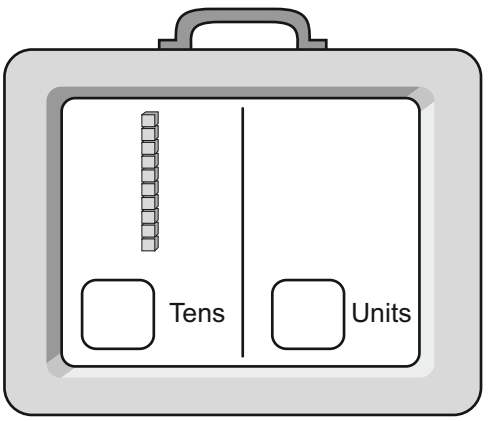
Tens	Units

= _____



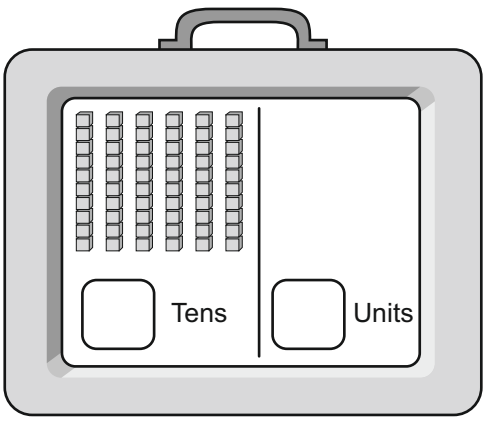
Tens	Units

= _____



Tens	Units

= _____

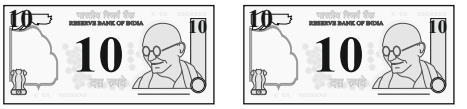


Tens	Units

= _____

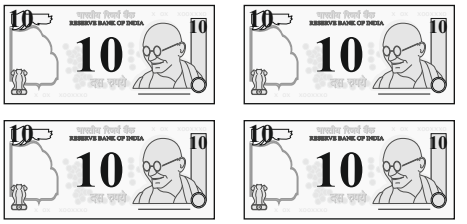
How many rupees? Write in numerals.

Tens	Units

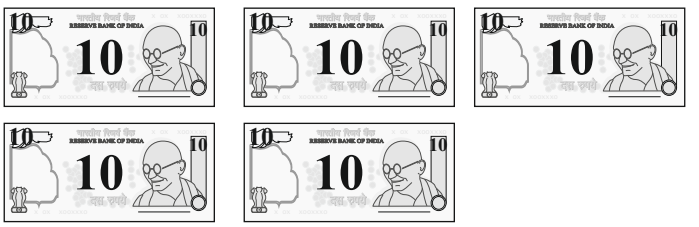


Tens	Units

Tens	Units

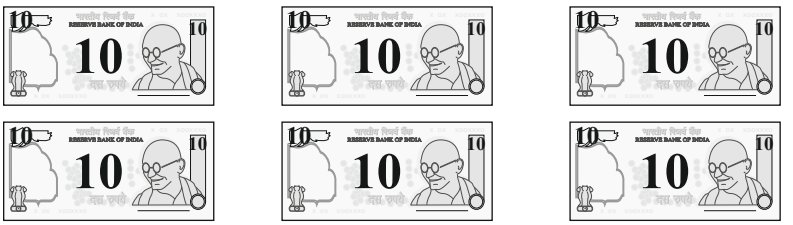


Tens	Units

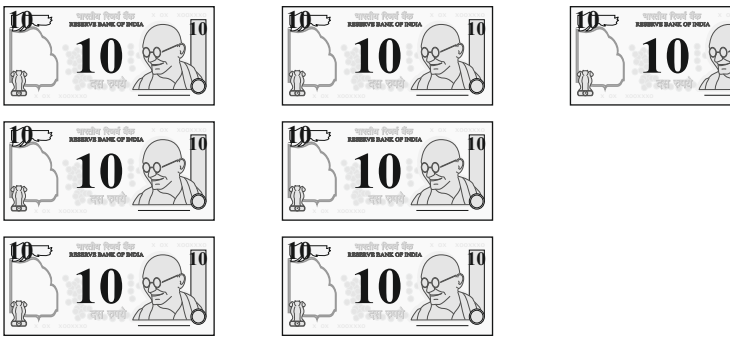


Tens	Units

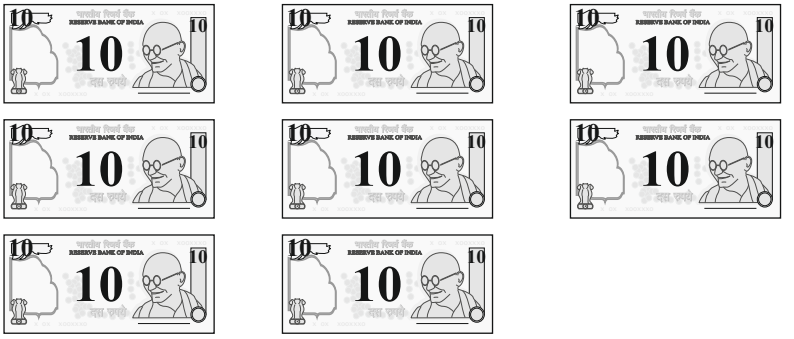
How many rupees? Write in numerals.



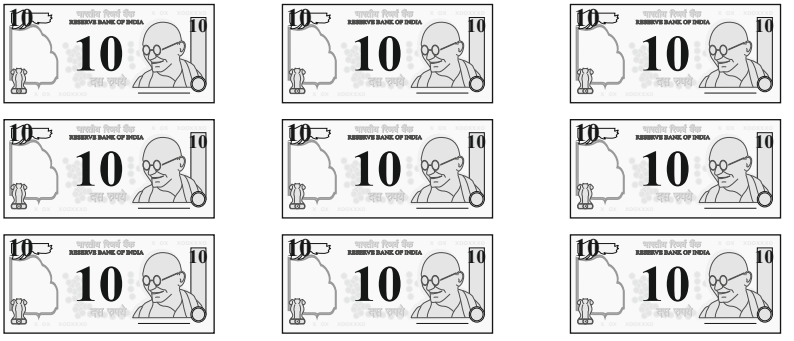
Tens	Units



Tens	Units

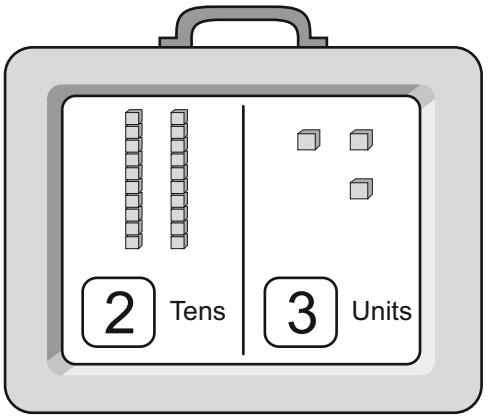


Tens	Units



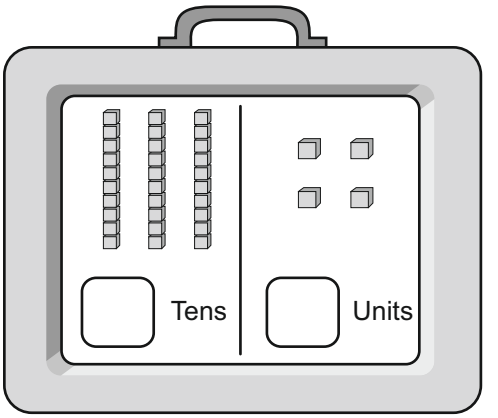
Tens	Units

How many rods? How many cubes? What is the number?



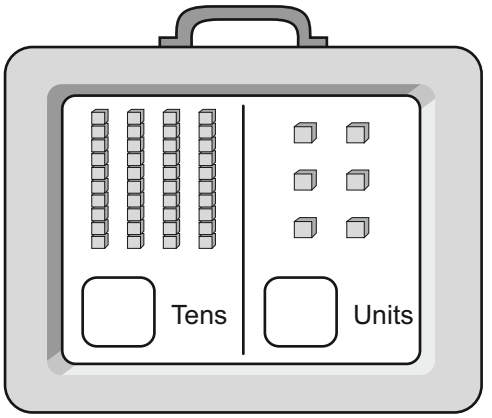
Tens	Units
2	3

= 23



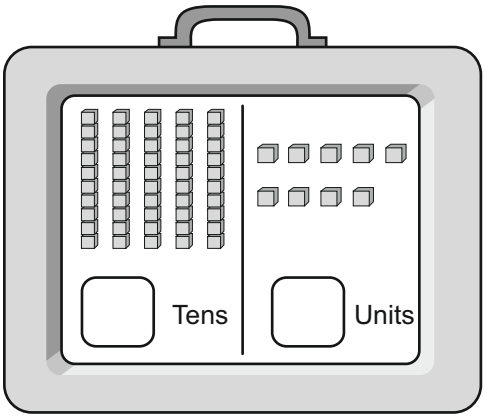
Tens	Units

=



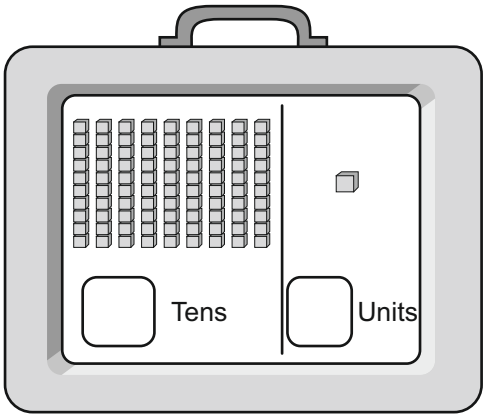
Tens	Units

=



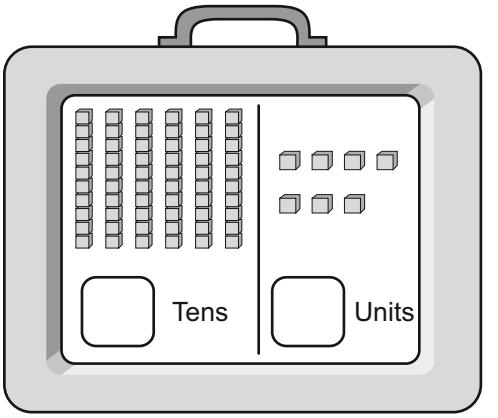
Tens	Units

=



Tens	Units

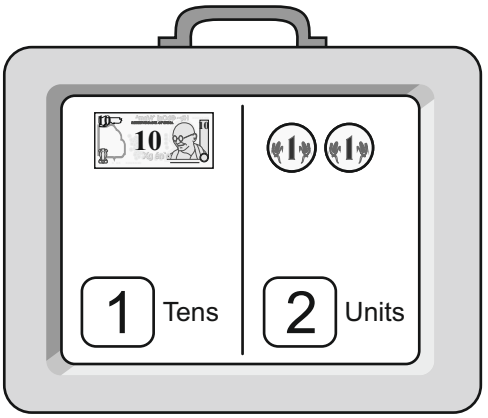
=



Tens	Units

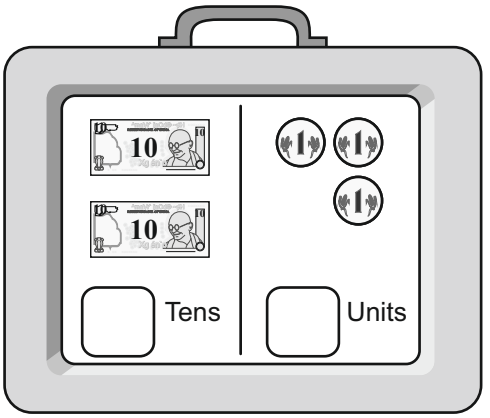
=

How many rods of ten? How many units? Write the number.



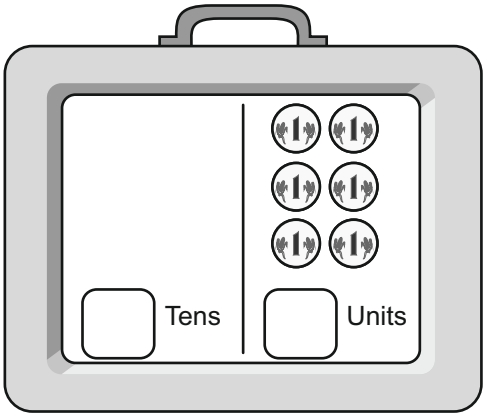
Tens	Units
1	2

= 23



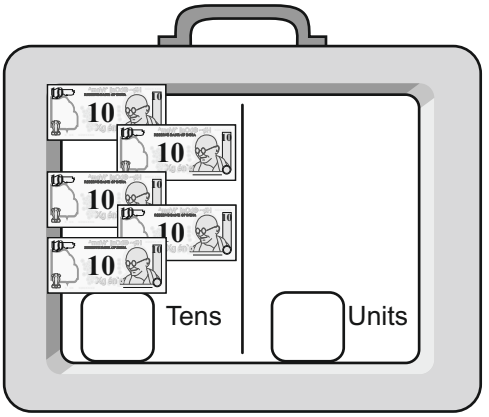
Tens	Units

=



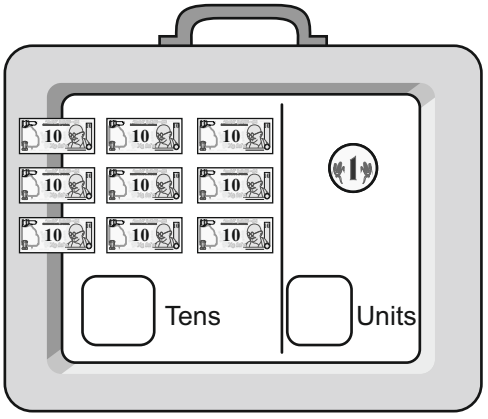
Tens	Units

=



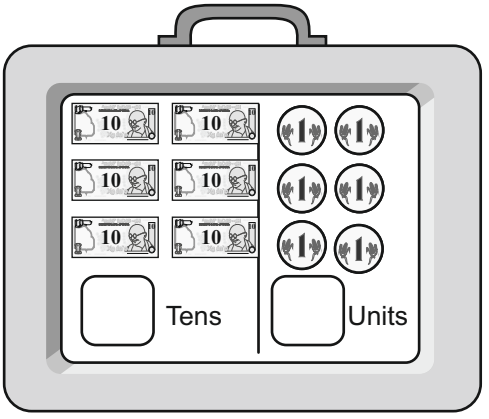
Tens	Units

=



Tens	Units

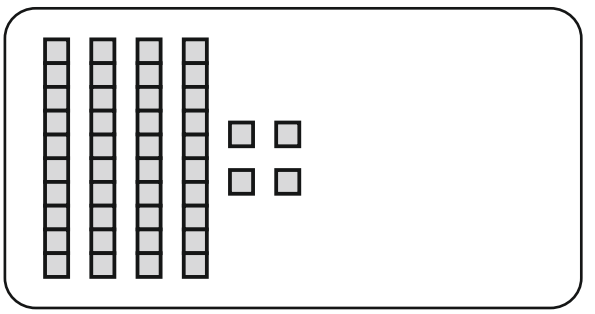
=

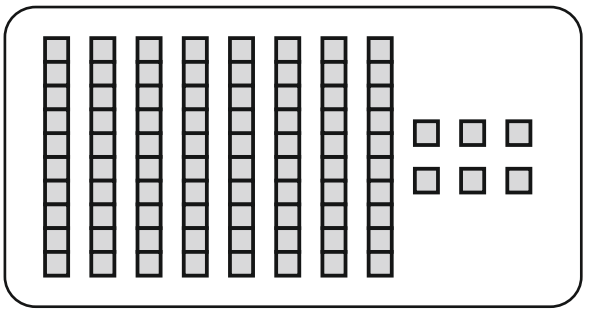


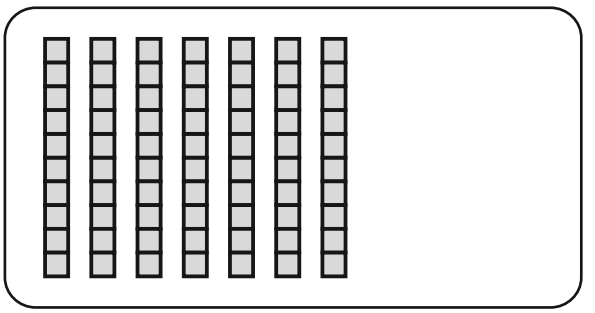
Tens	Units

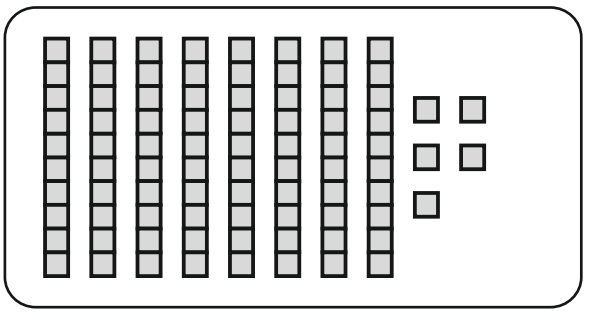
=

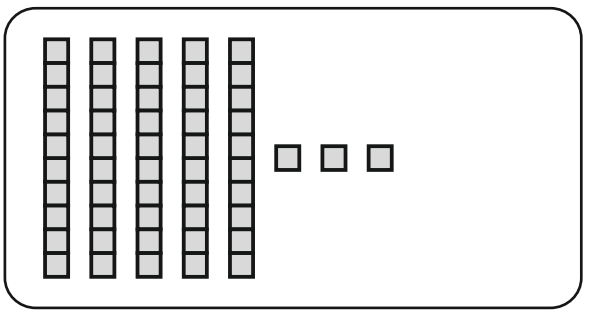
Match the pairs.











T	U
7	0

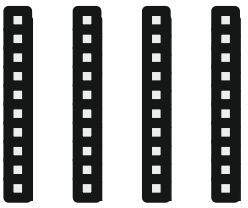
T	U
4	4

T	U
8	6

T	U
5	3

T	U
8	5

Write the number.



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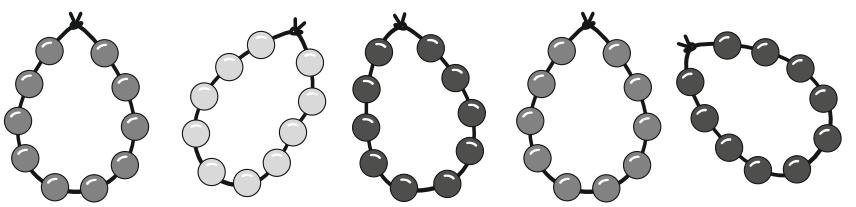
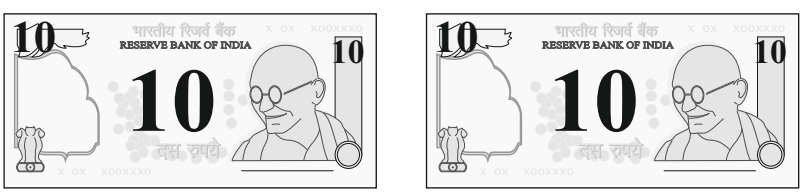
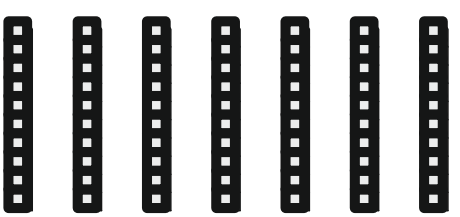
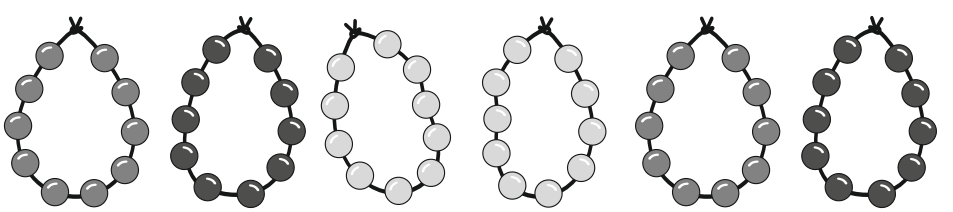
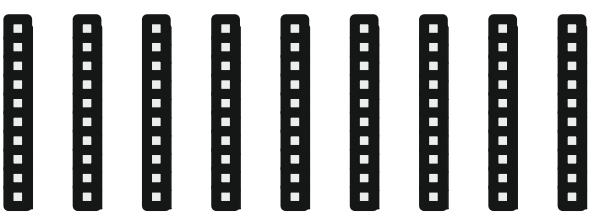


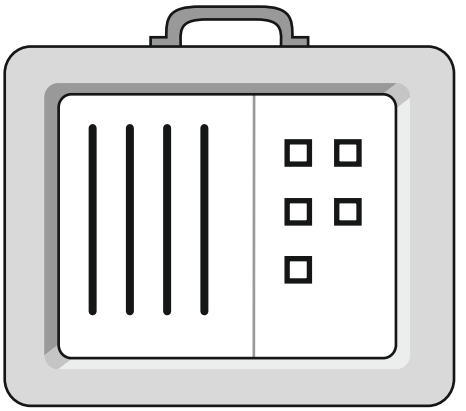








Draw the rods and cubes.



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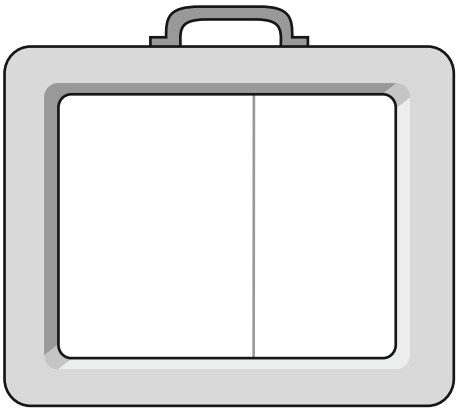

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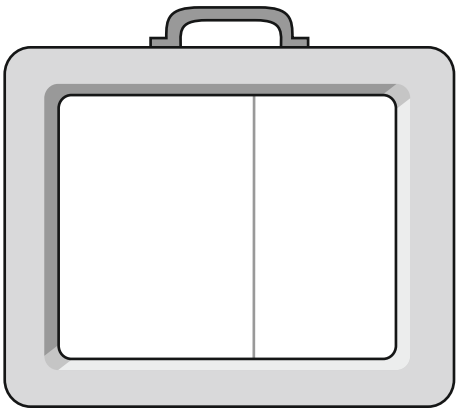

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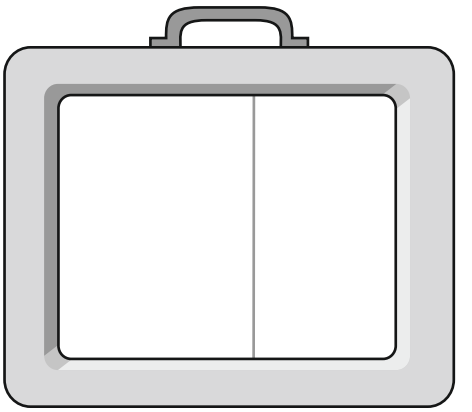

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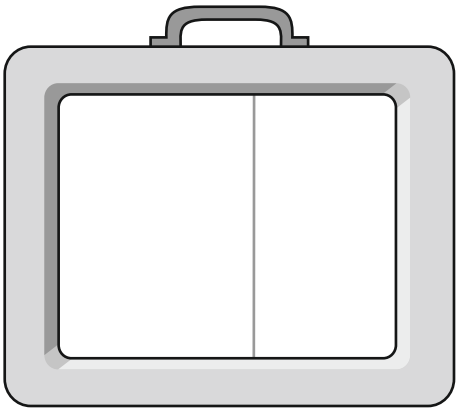

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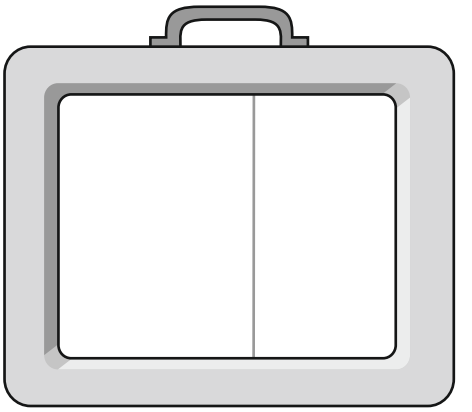

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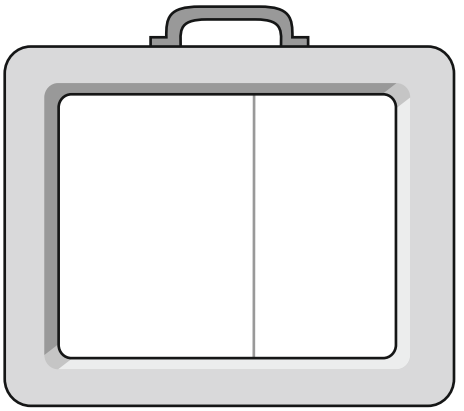
Draw the rods and cubes.



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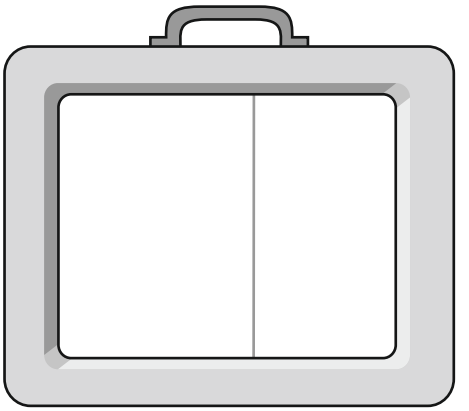

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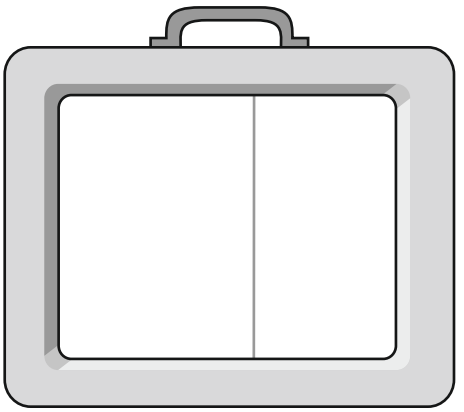

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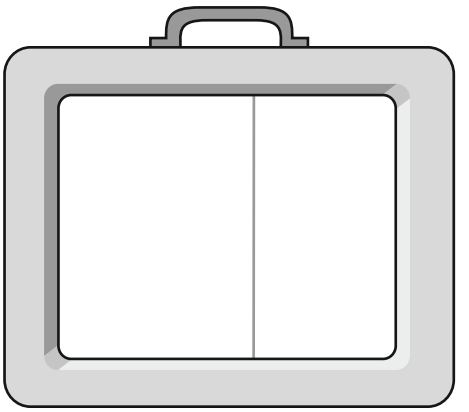

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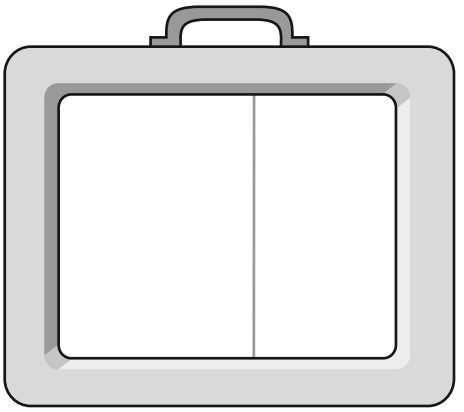

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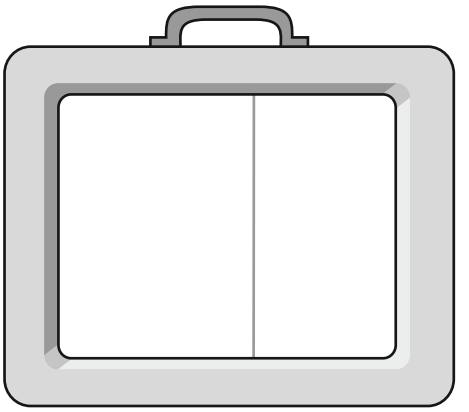
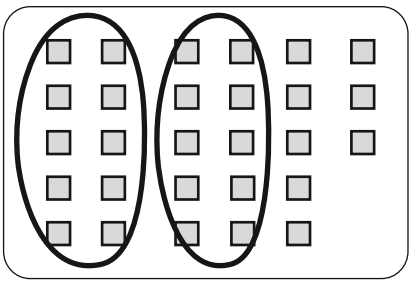


74

4	Rods	5	Cubes =	Tens	Units	6	Rods	3	Cubes =	Tens	Units
				4	5						
3	Rods	7	Cubes =	Tens	Units	6	Rods	9	Cubes =	Tens	Units
9	Rods	0	Cubes =	Tens	Units	0	Rods	5	Cubes =	Tens	Units
	Rods		Cubes =	Tens	Units		Rods		Cubes =	Tens	Units
				7	7					9	8
	Rods		Cubes =	Tens	Units		Rods		Cubes =	Tens	Units
				1	5					6	6
	Rods	0	Cubes =	Tens	Units		Rods	8	Cubes =	Tens	Units
				2						3	
8	Rods		Cubes =	Tens	Units	4	Rods		Cubes =	Tens	Units
					5						6

23 = 2 Rods and 3 Cubes	53 = ☐ Rods and ☐ Cubes
40 = ☐ Rods and ☐ Cubes	32 = ☐ Rods and ☐ Cubes
64 = ☐ Rods and ☐ Cubes	75 = ☐ Rods and ☐ Cubes
88 = ☐ Rods and ☐ Cubes	94 = ☐ Rods and ☐ Cubes
39 = ☐ Rods and ☐ Cubes	99 = ☐ Rods and ☐ Cubes
22 = ☐ Rods and ☐ Cubes	50 = ☐ Rods and ☐ Cubes
67 = ☐ Rods and ☐ Cubes	69 = ☐ Rods and ☐ Cubes
76 = ☐ Rods and ☐ Cubes	9 = ☐ Rods and ☐ Cubes
70 = ☐ Rods and ☐ Cubes	84 = ☐ Rods and ☐ Cubes
63 = ☐ Rods and ☐ Cubes	0 = ☐ Rods and ☐ Cubes

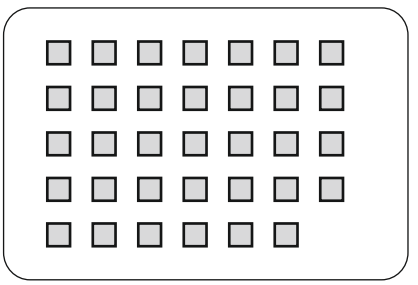
Draw circles around ten units. Make as many tens as possible.
Write the number.



2 Tens 8 Units

Therefore,

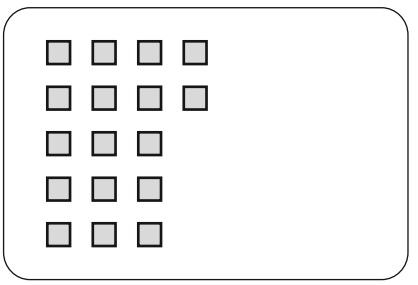
Tens	Units
2	8



Tens Units

Therefore,

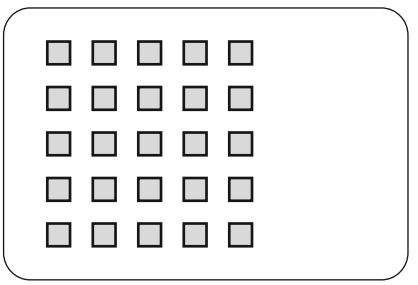
Tens	Units



Tens Units

Therefore,

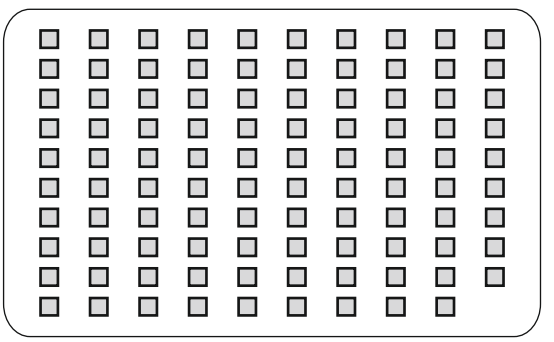
Tens	Units



Tens Units

Therefore,

Tens	Units

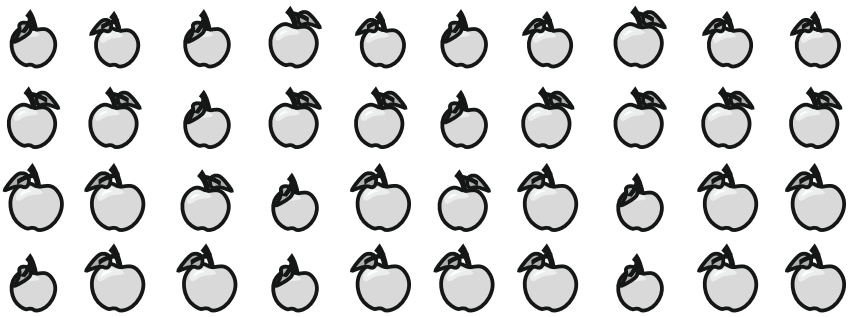


Tens Units

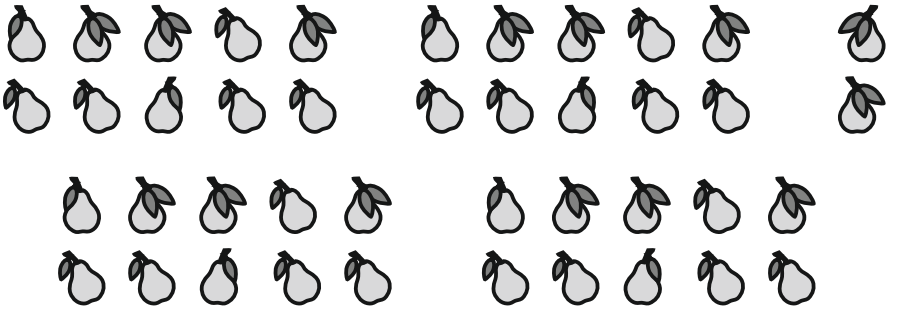
Therefore,

Tens	Units

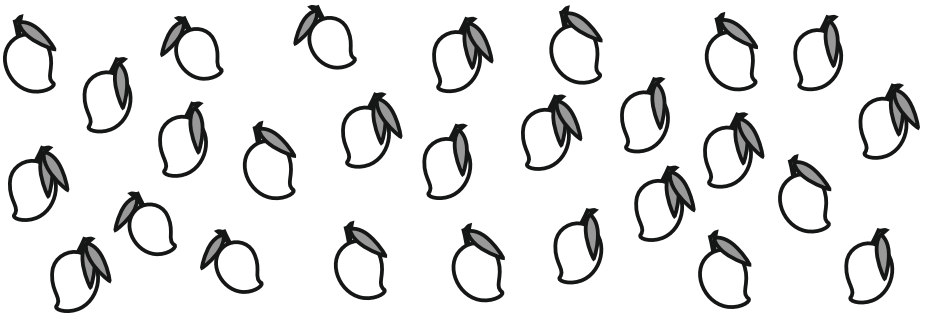
Make as many groups of ten as possible and then write the number.



T	U

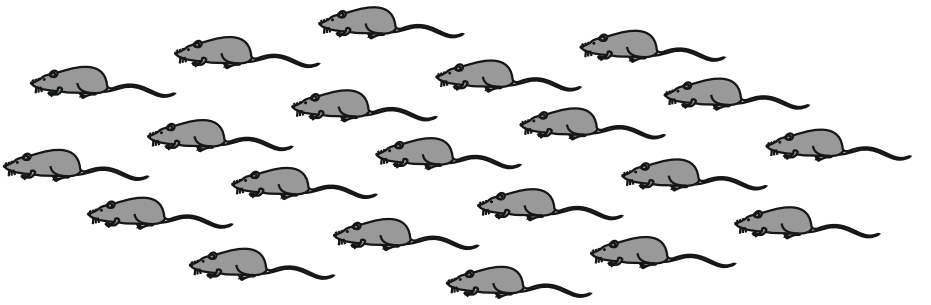


T	U



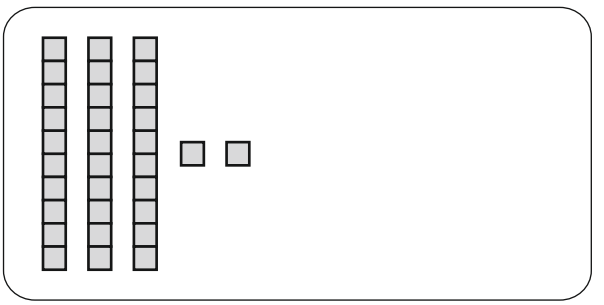
T	U

T	U

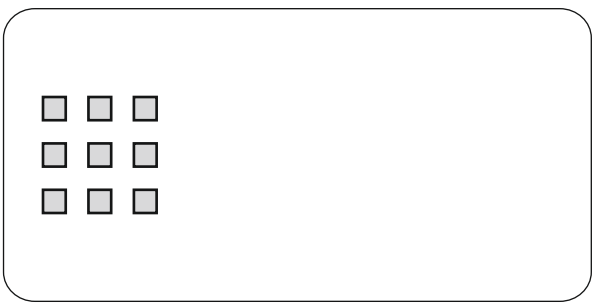


T	U

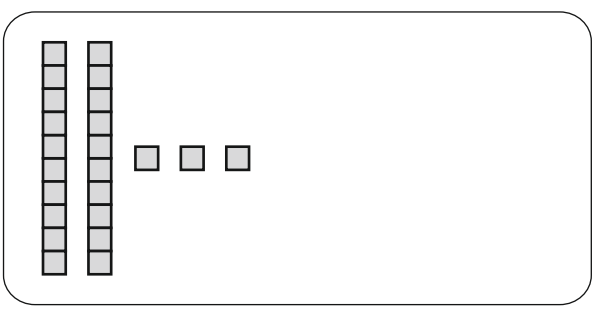
Match the pairs.



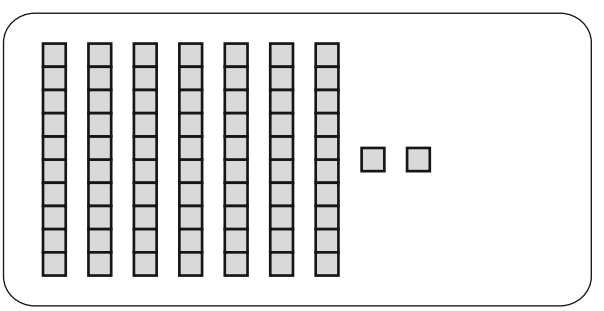
T	U
7	2



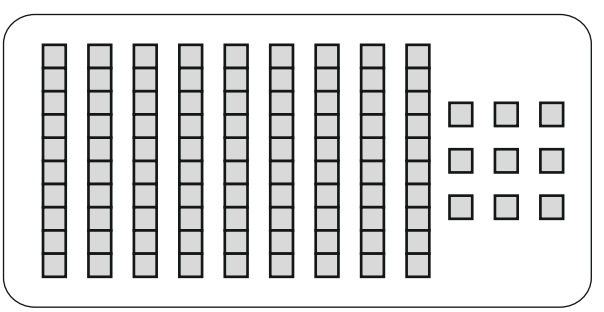
T	U
2	3



T	U
3	2

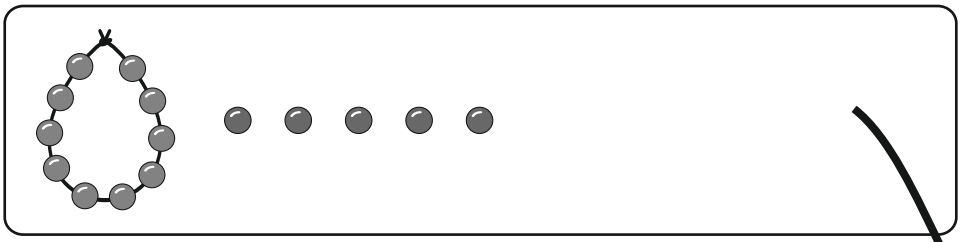


T	U
9	9

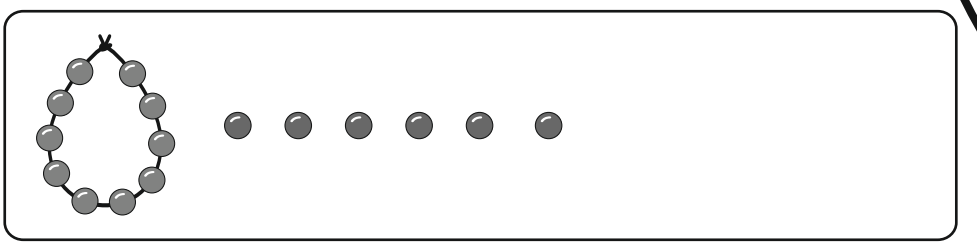


T	U
	9

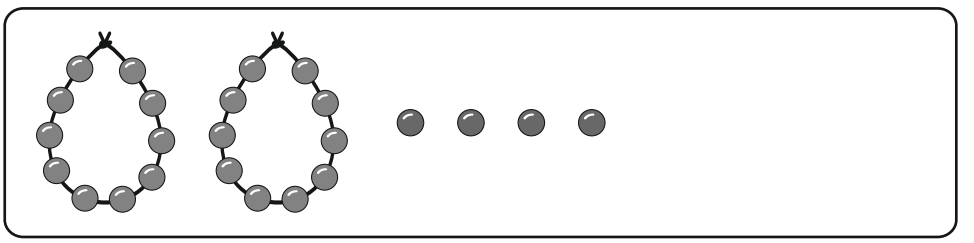
Match the pairs.



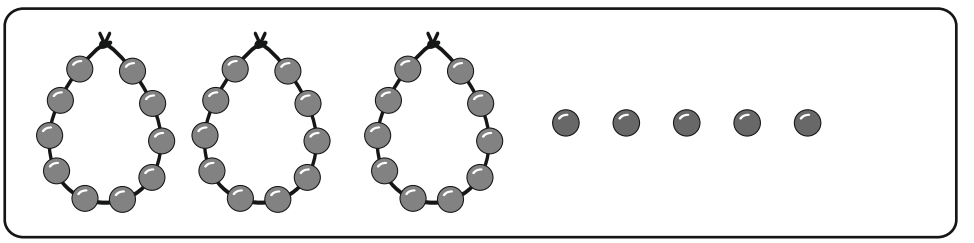
T	U
2	4



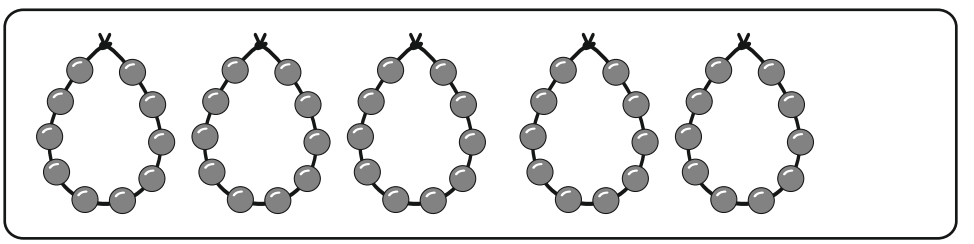
T	U
1	5



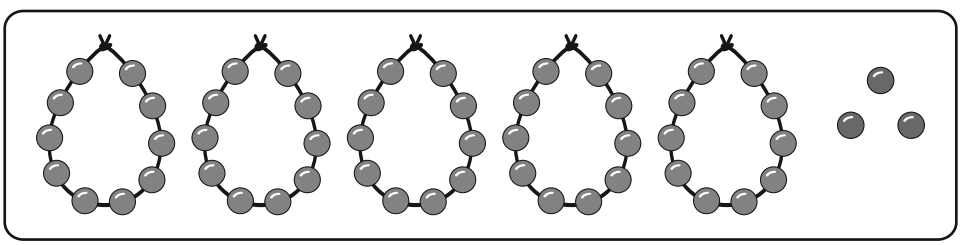
T	U
1	6



T	U
5	3

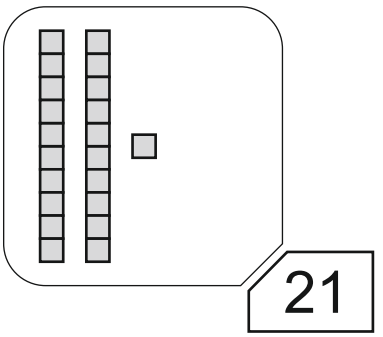


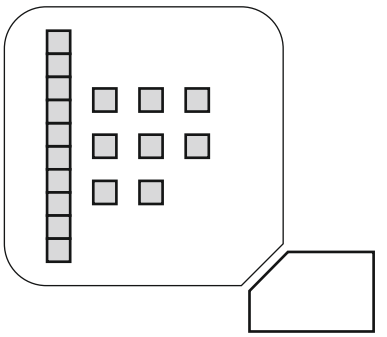
T	U
3	5

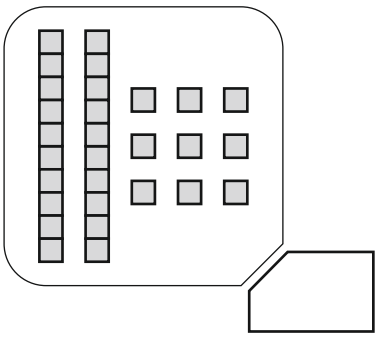


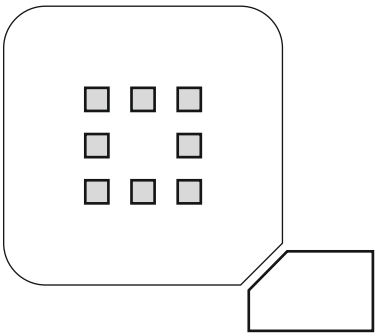
T	U
5	0

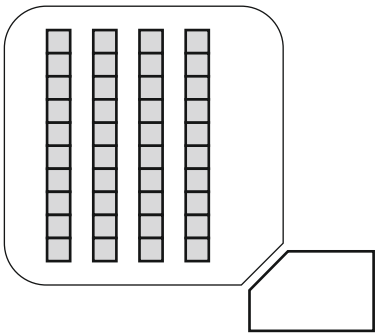
Write the number.

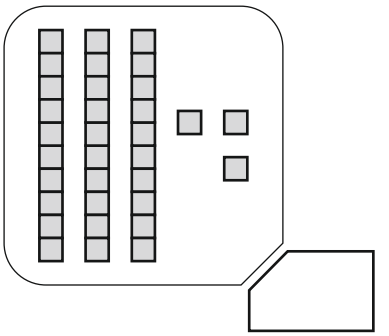


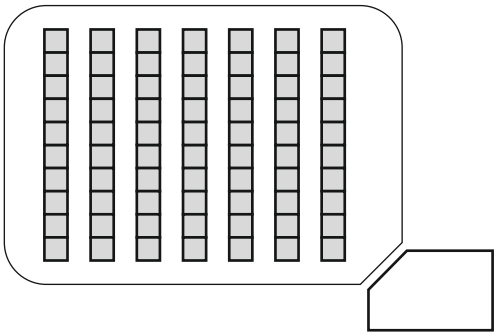


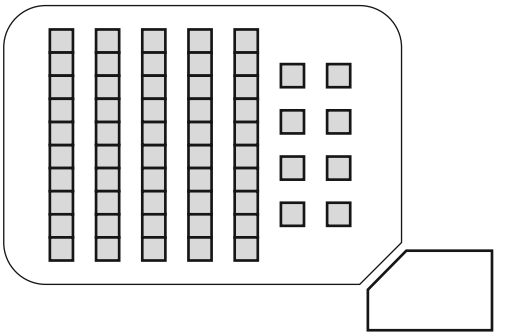


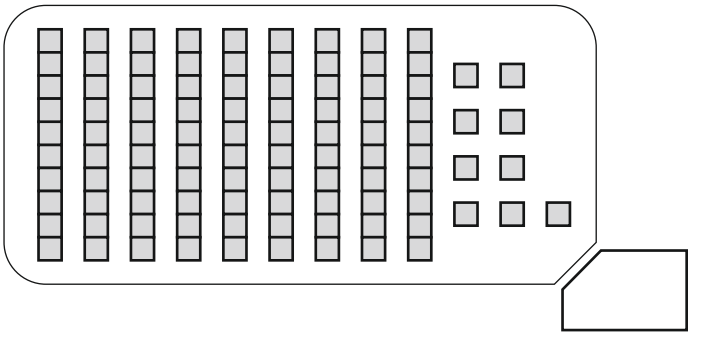




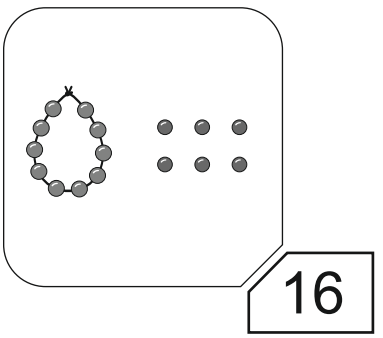


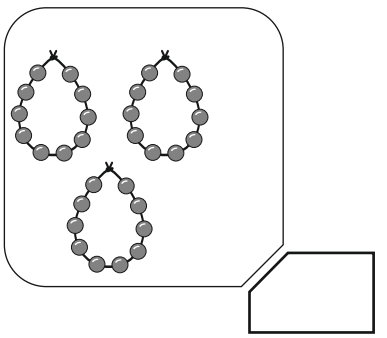


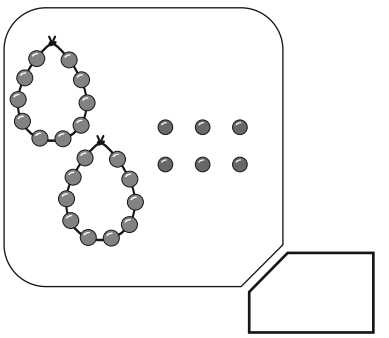


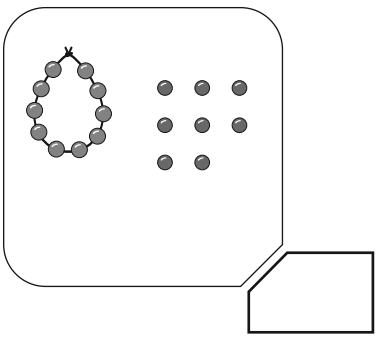


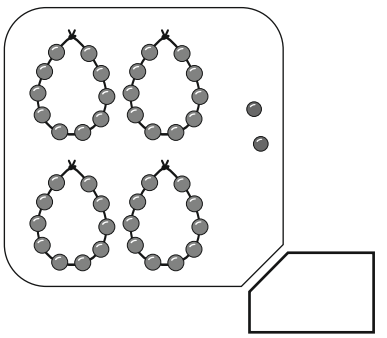
How many? Write the number.

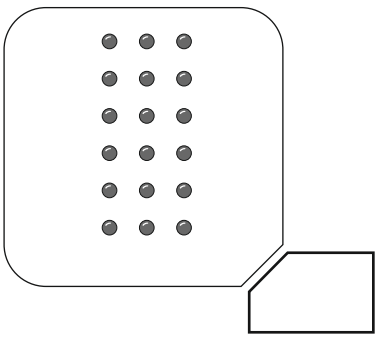


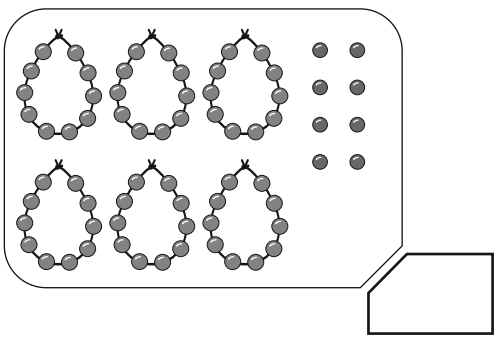


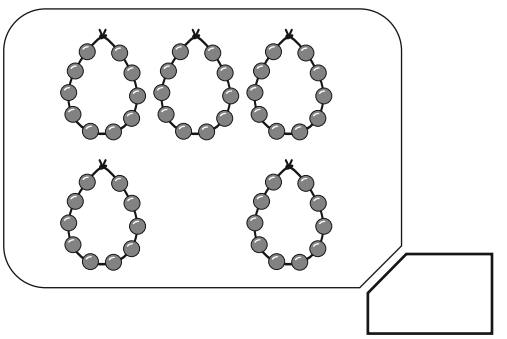


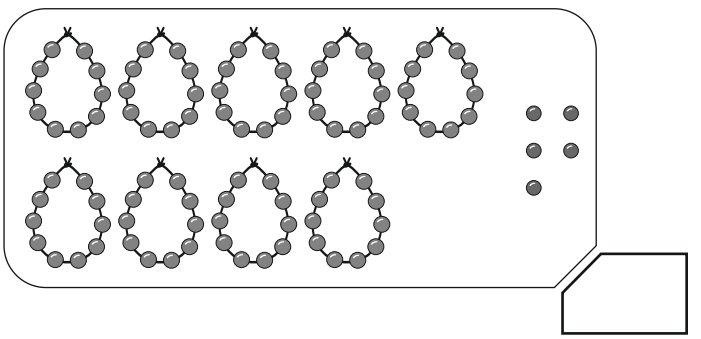




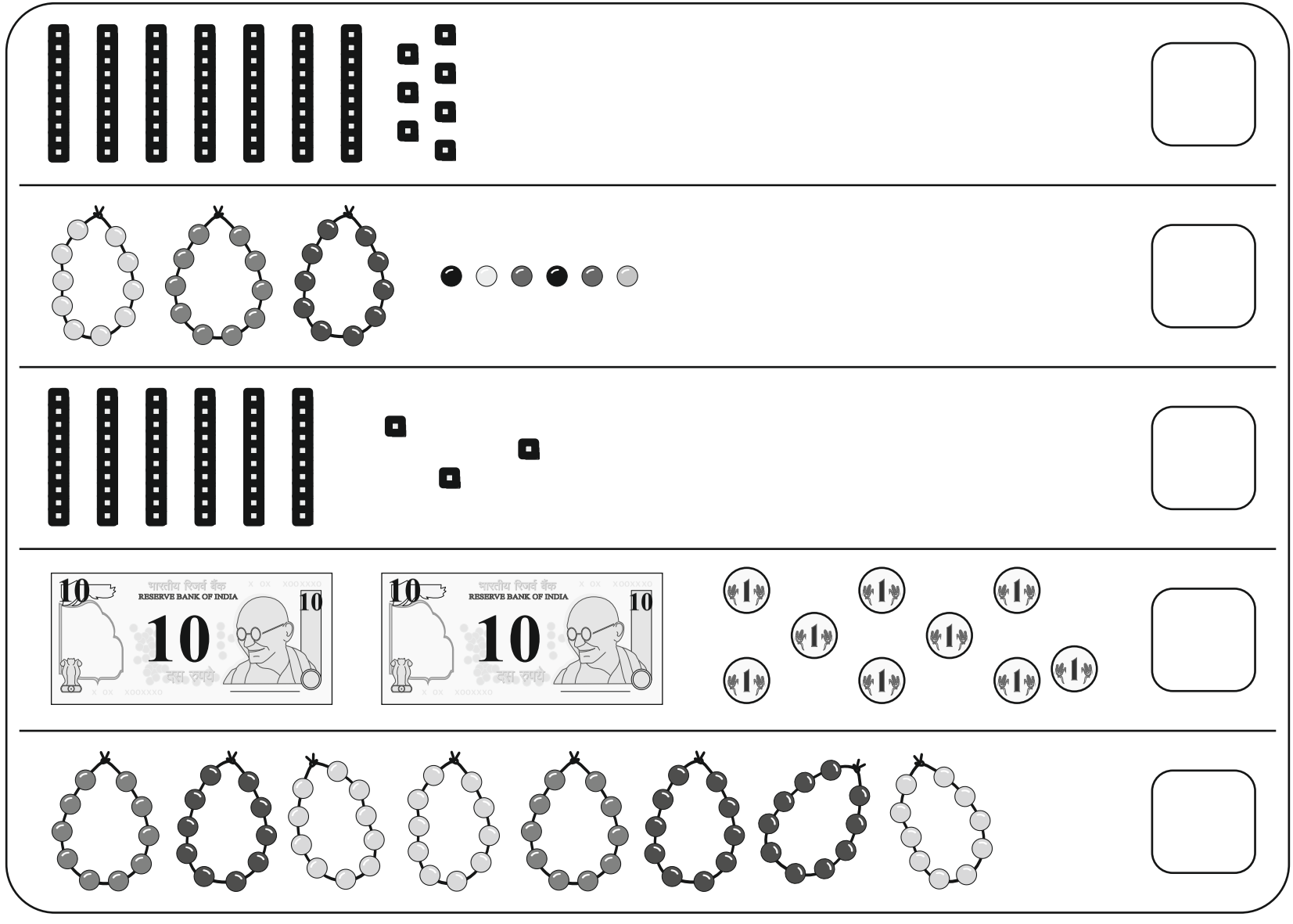




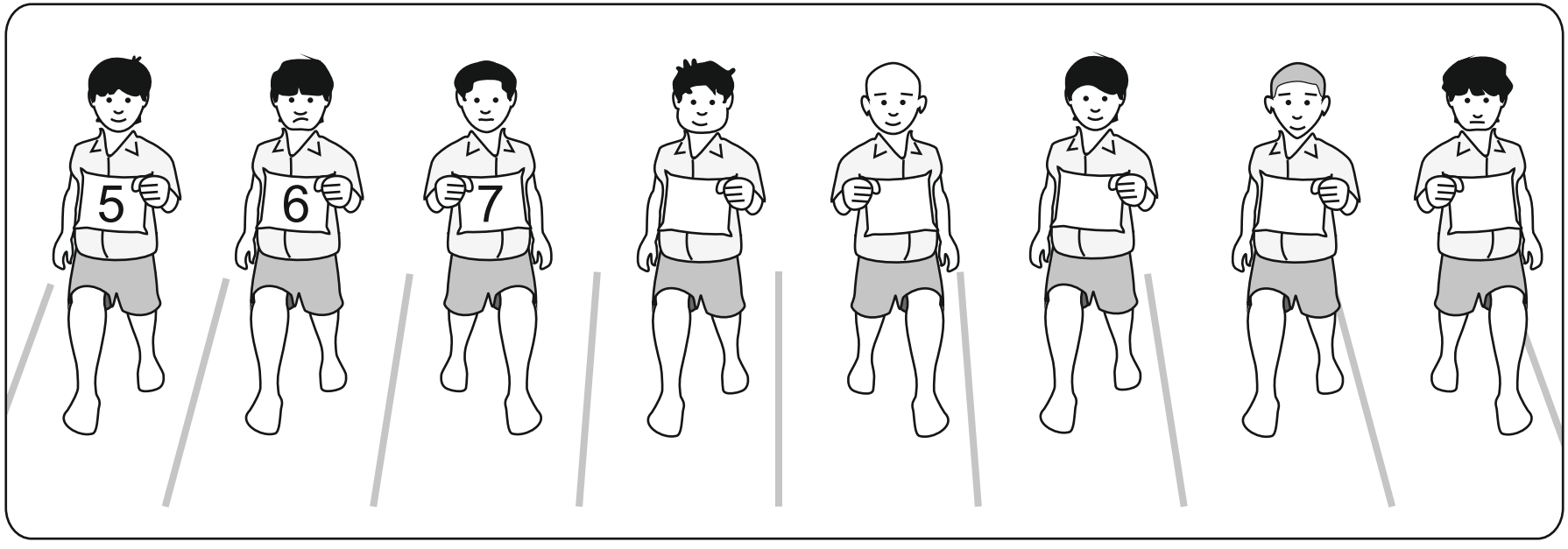


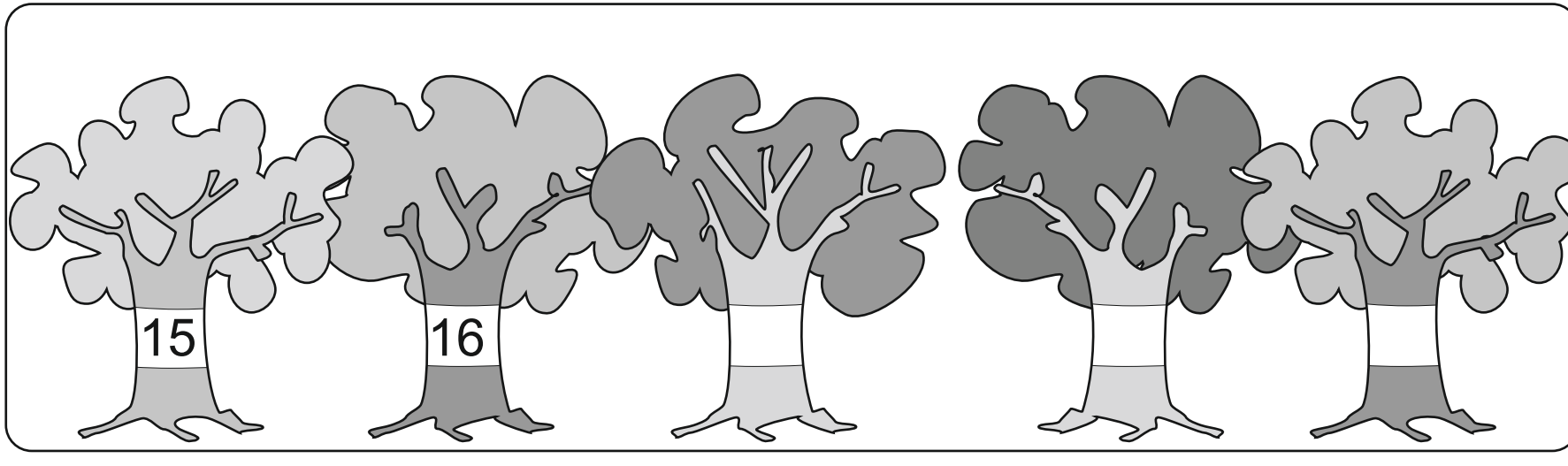


How many? Write the number.

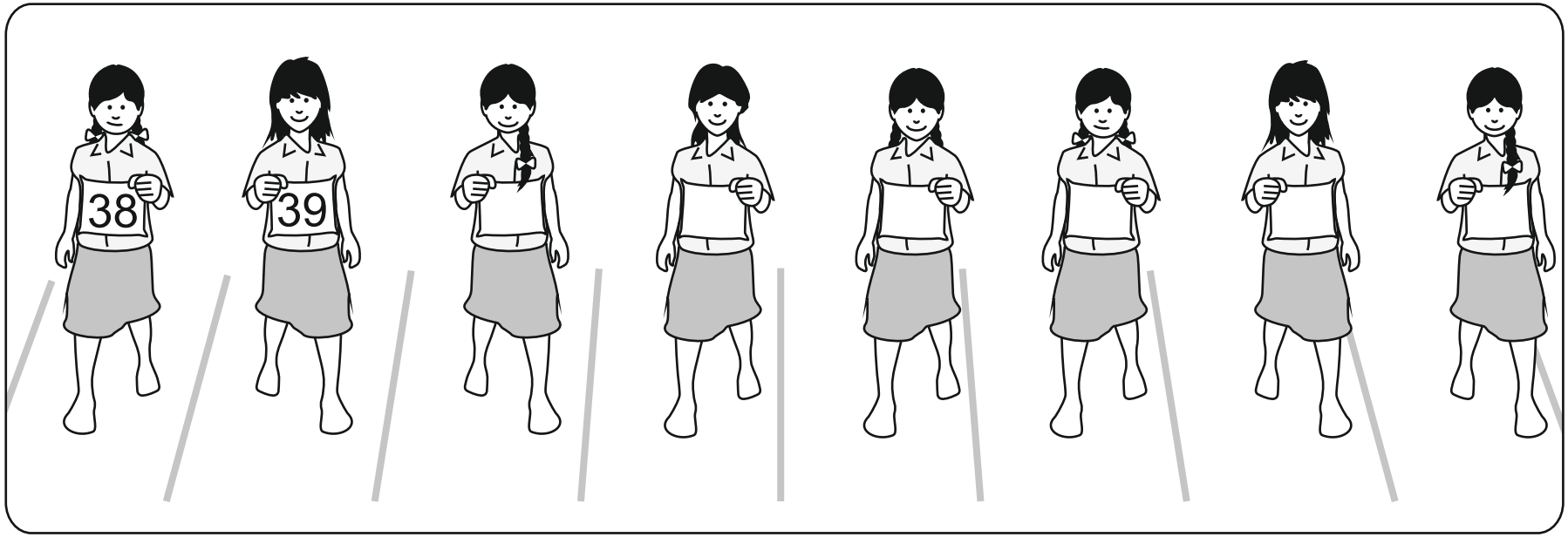


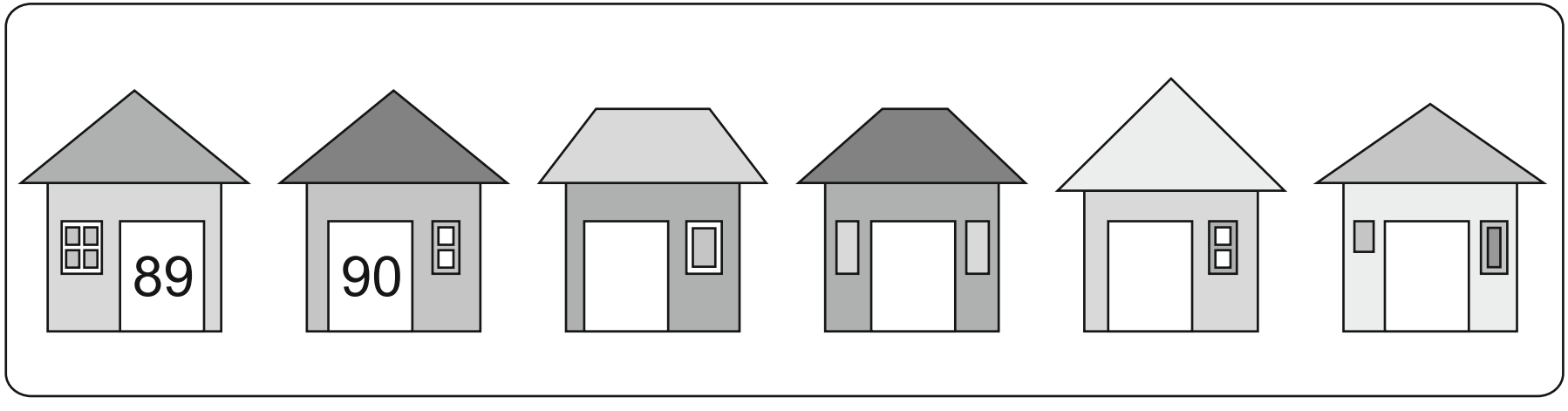
Write the numbers in sequence.



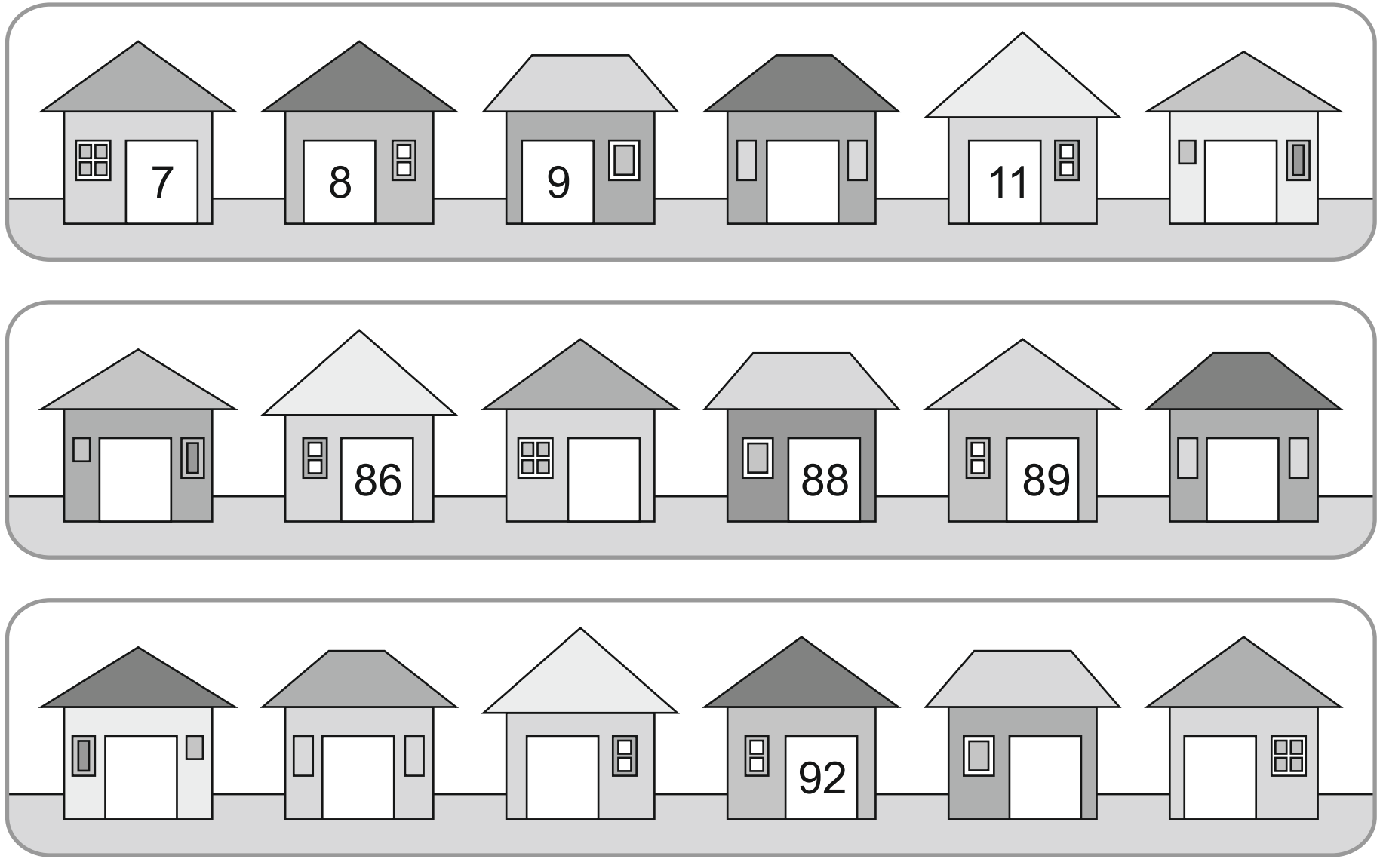


Write the numbers which follow in sequence.



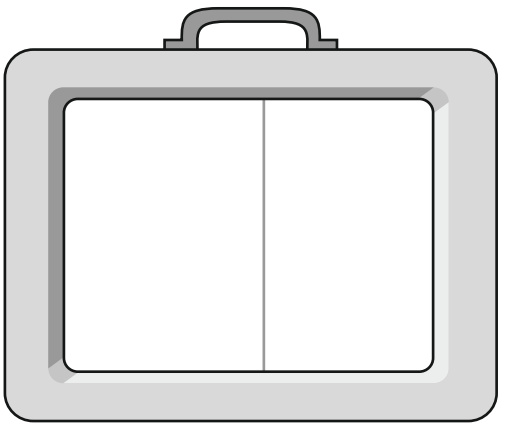


All the houses in the village were numbered in sequence.
Some numbers were painted over. Write the missing numbers.



Draw rods and cubes for each number. Draw a circle around the smaller number.

45



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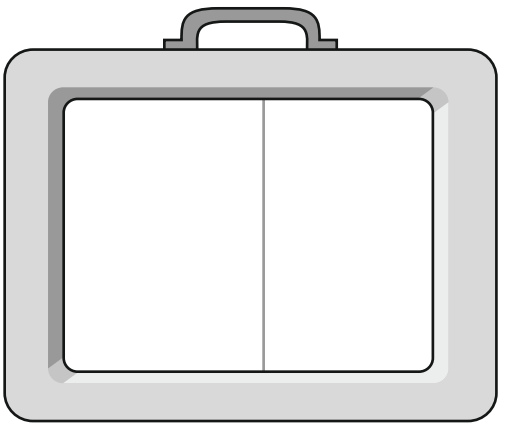

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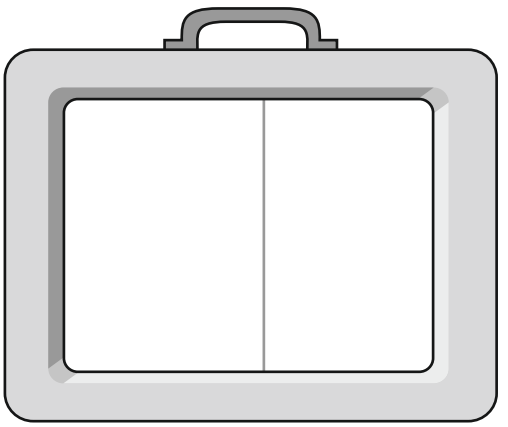

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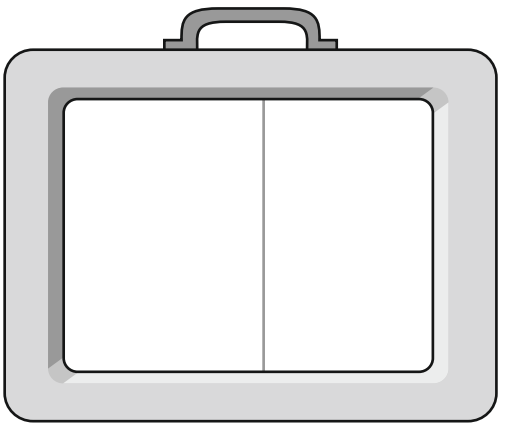

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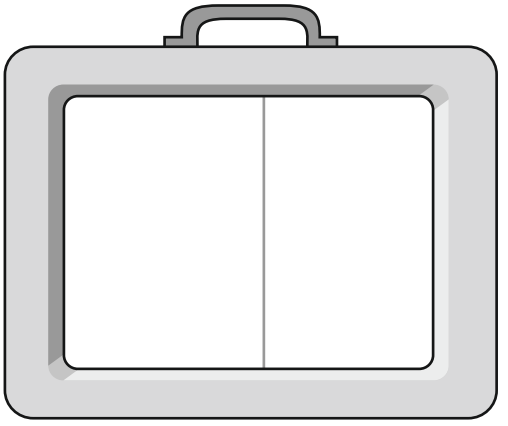

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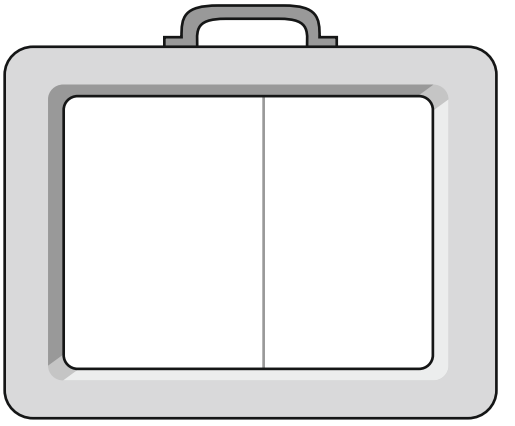
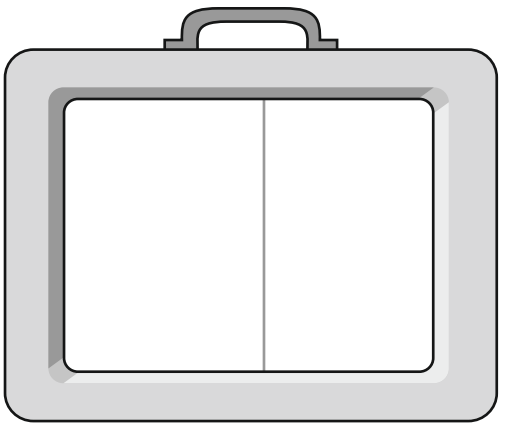


Draw the rods and cubes. Draw a circle around the bigger number.

62



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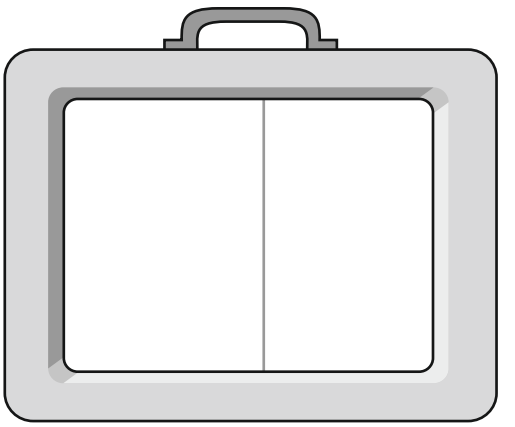

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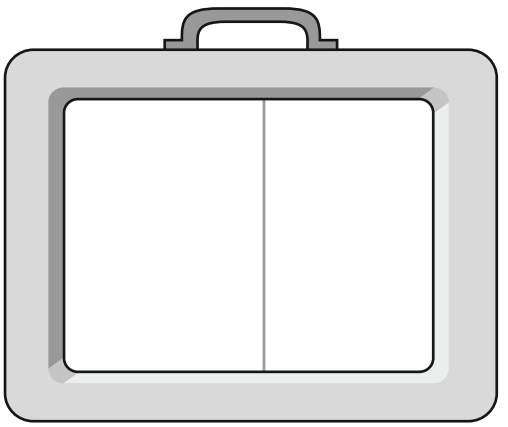

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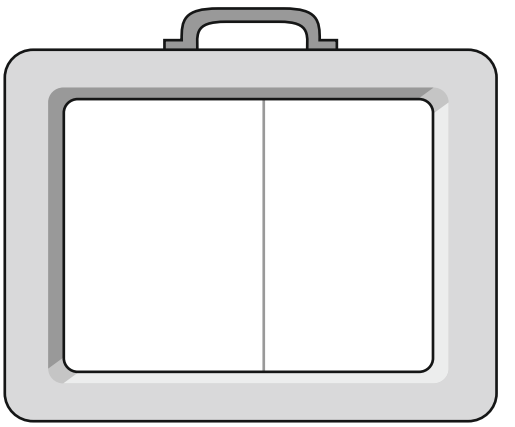

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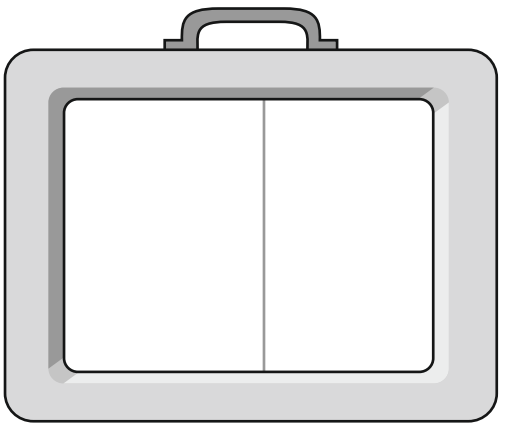

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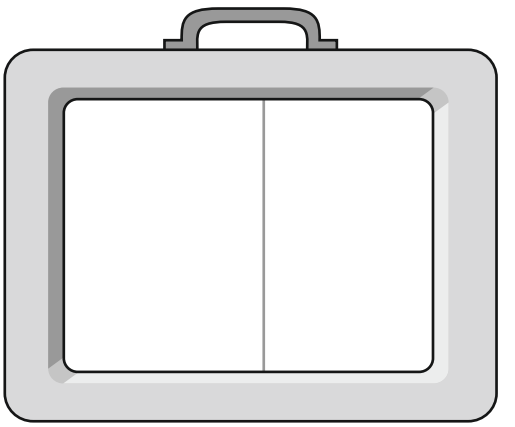


Colour red all the numbers with 2 in tens place.

Colour green all numbers with 5 tens.

Colour blue all numbers with 8 tens.

Colour yellow all numbers with 0 tens.

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

Colour red all the numbers with 2 in units place.

Colour green all numbers with 5 units.

Colour blue all numbers with 8 units.

Colour yellow all numbers with 0 units.

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

Colour red all the numbers greater than 45.

Colour green all numbers less than 45.

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

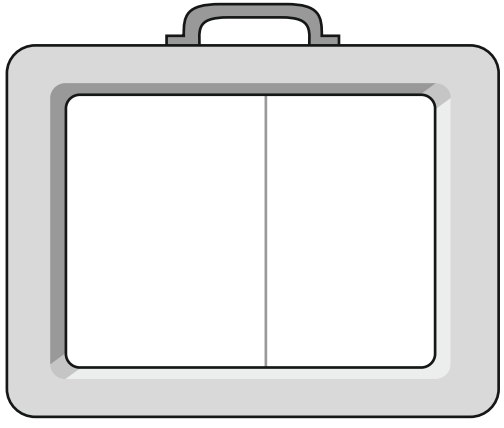
Colour red all the numbers greater than 62.

Colour green all numbers less than 62.

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

Draw rods and cubes for each number. Circle the smallest number of the three numbers.

26



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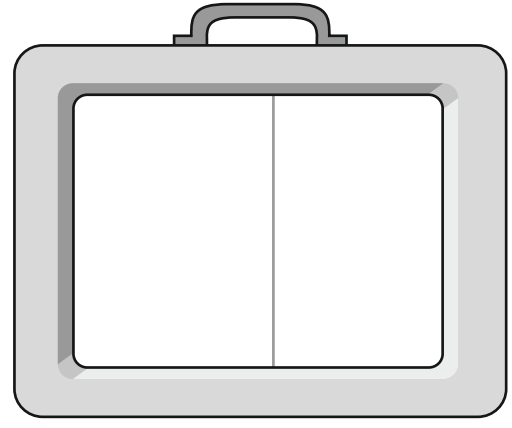

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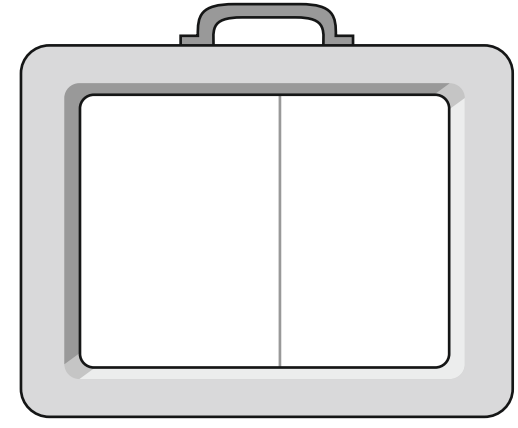

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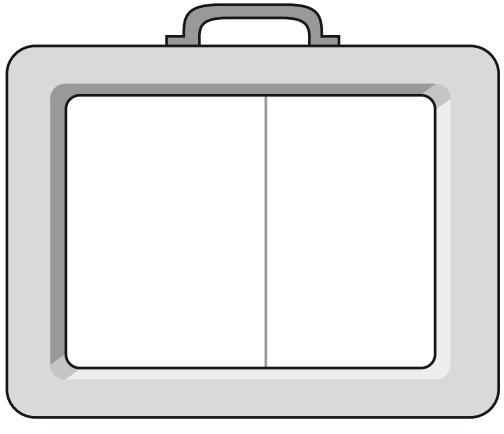

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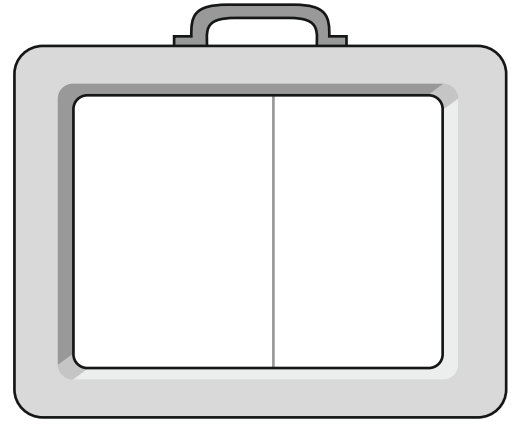

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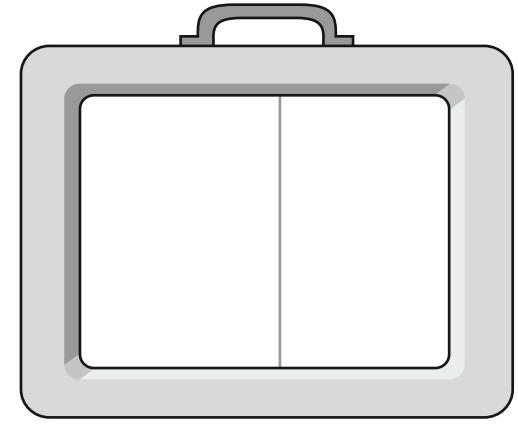
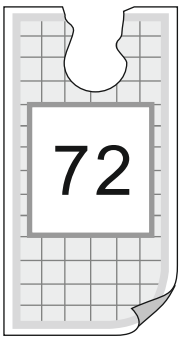
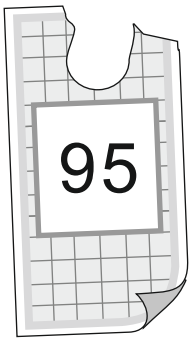
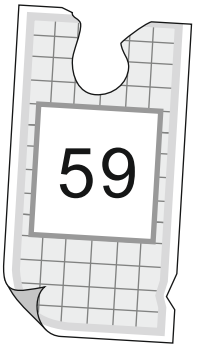
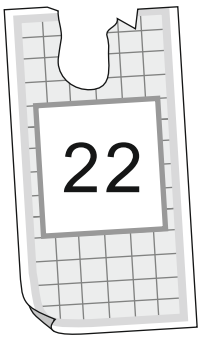


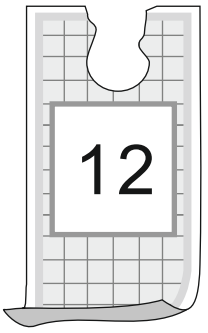
Draw a circle around the smallest of the three numbers.

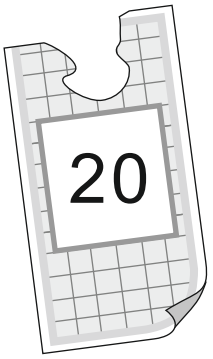


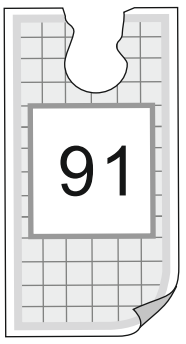


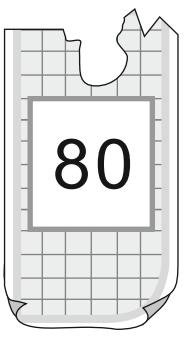


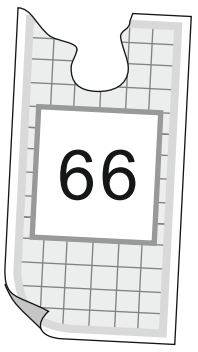


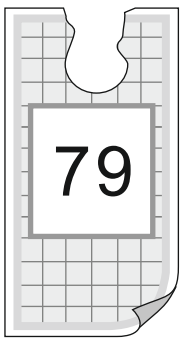


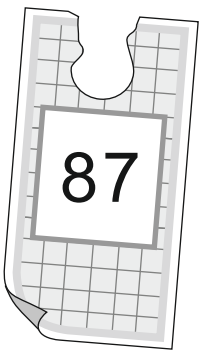


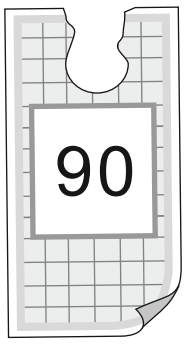






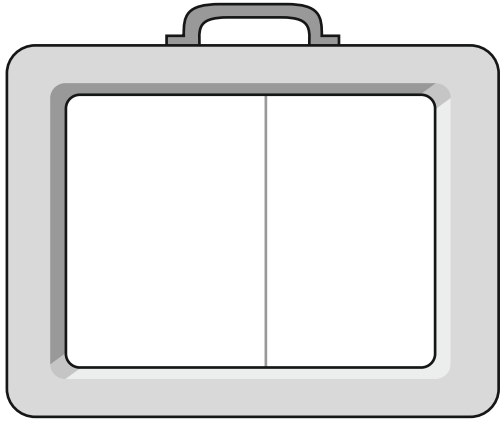






Draw rods and cubes for each number. Circle the largest of the three numbers.

26



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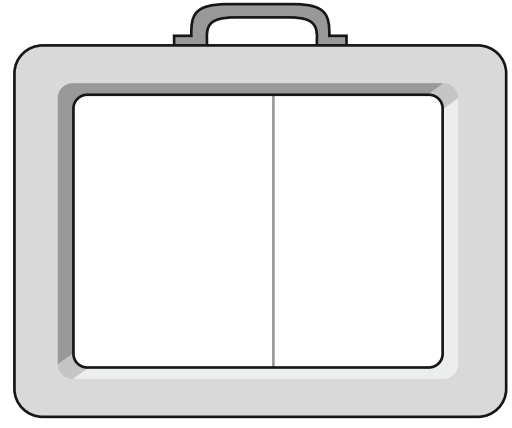

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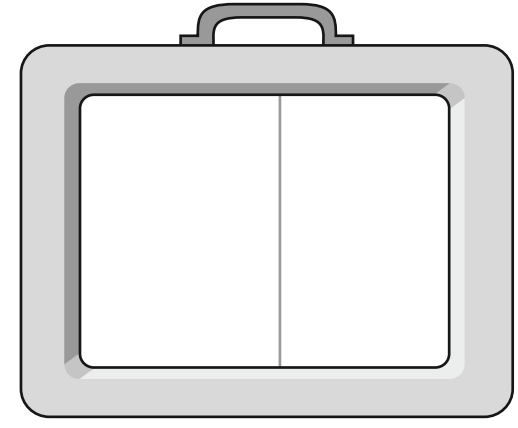

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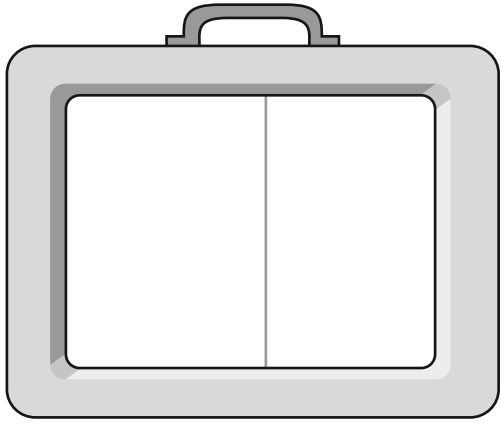

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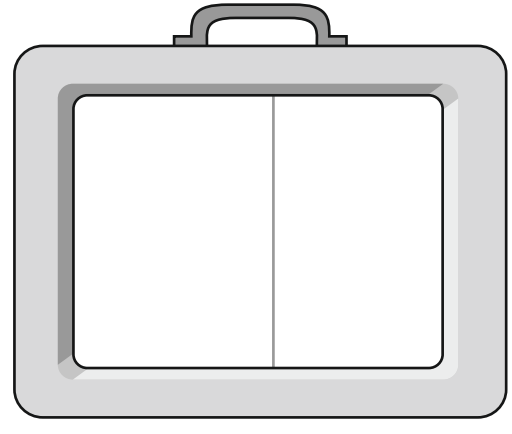

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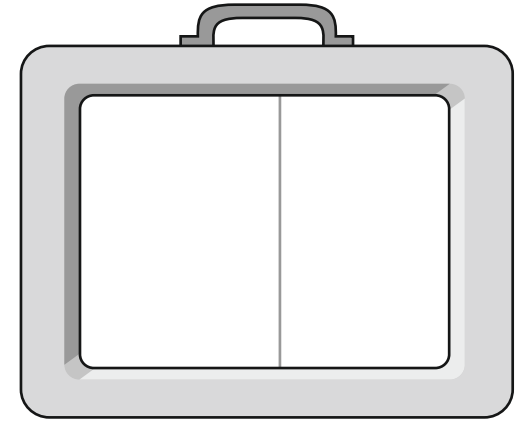
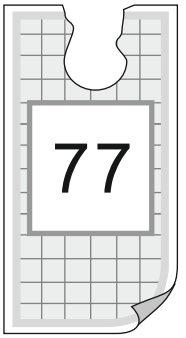
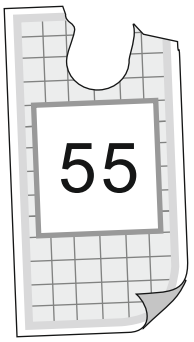
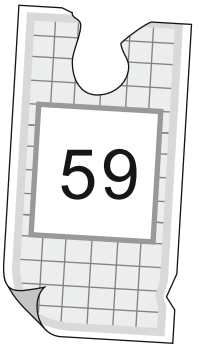
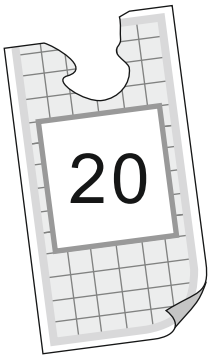


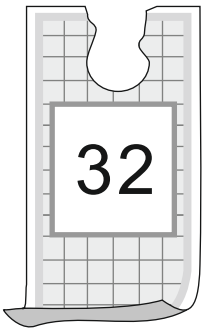
Draw a circle around the largest of the three numbers.

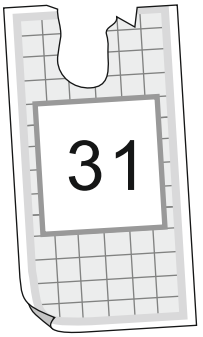


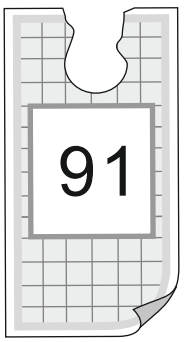


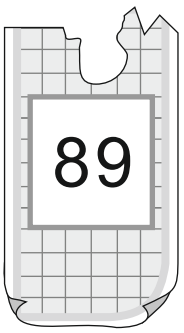


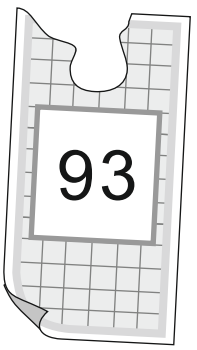


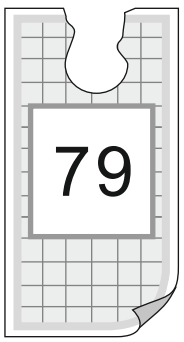


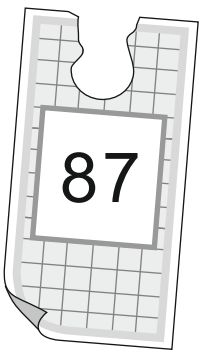


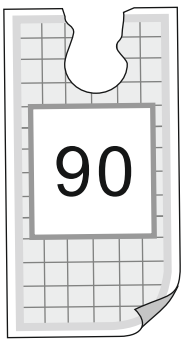




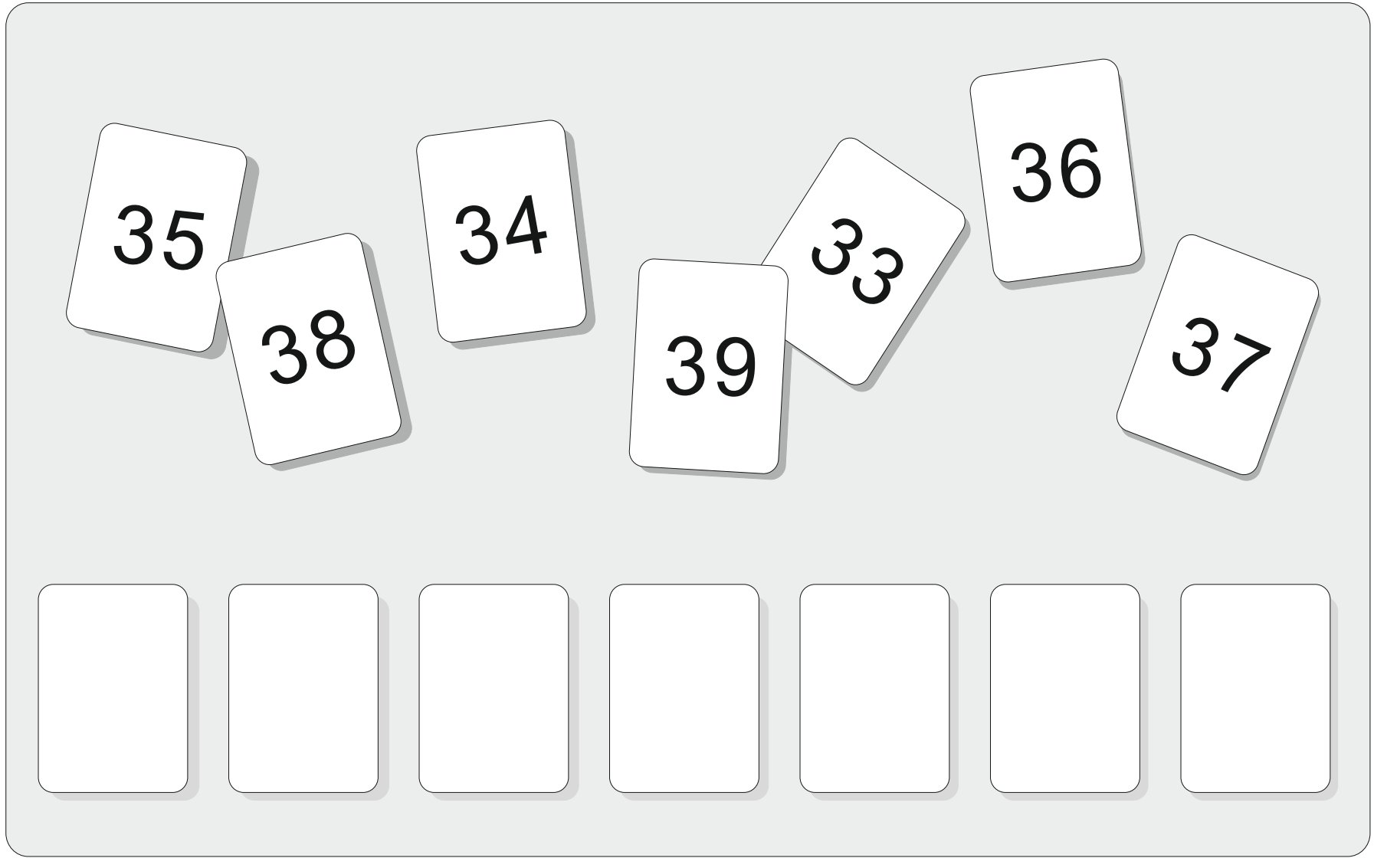




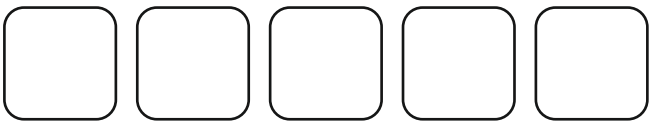


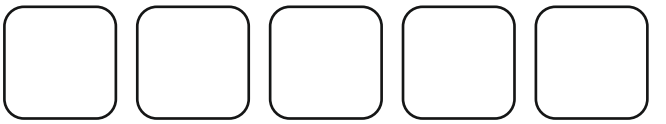


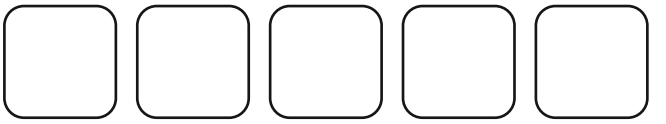
Meena picked up the following number cards. Arrange them in a proper sequence.

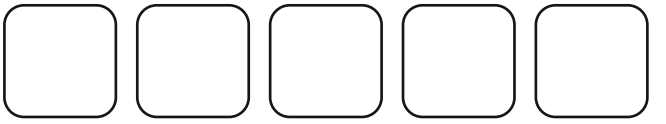


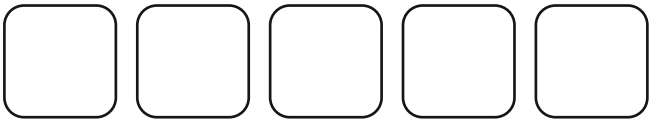
Write the numbers in proper sequence.

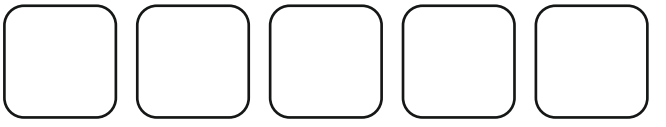
32 , 33 , 35 , 34 , 36 

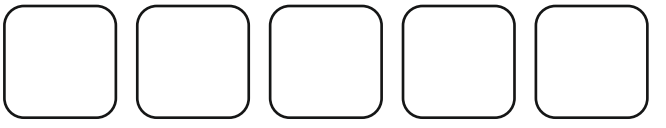
10 , 12 , 9 , 11 , 13 

81 , 80 , 79 , 78 , 77 

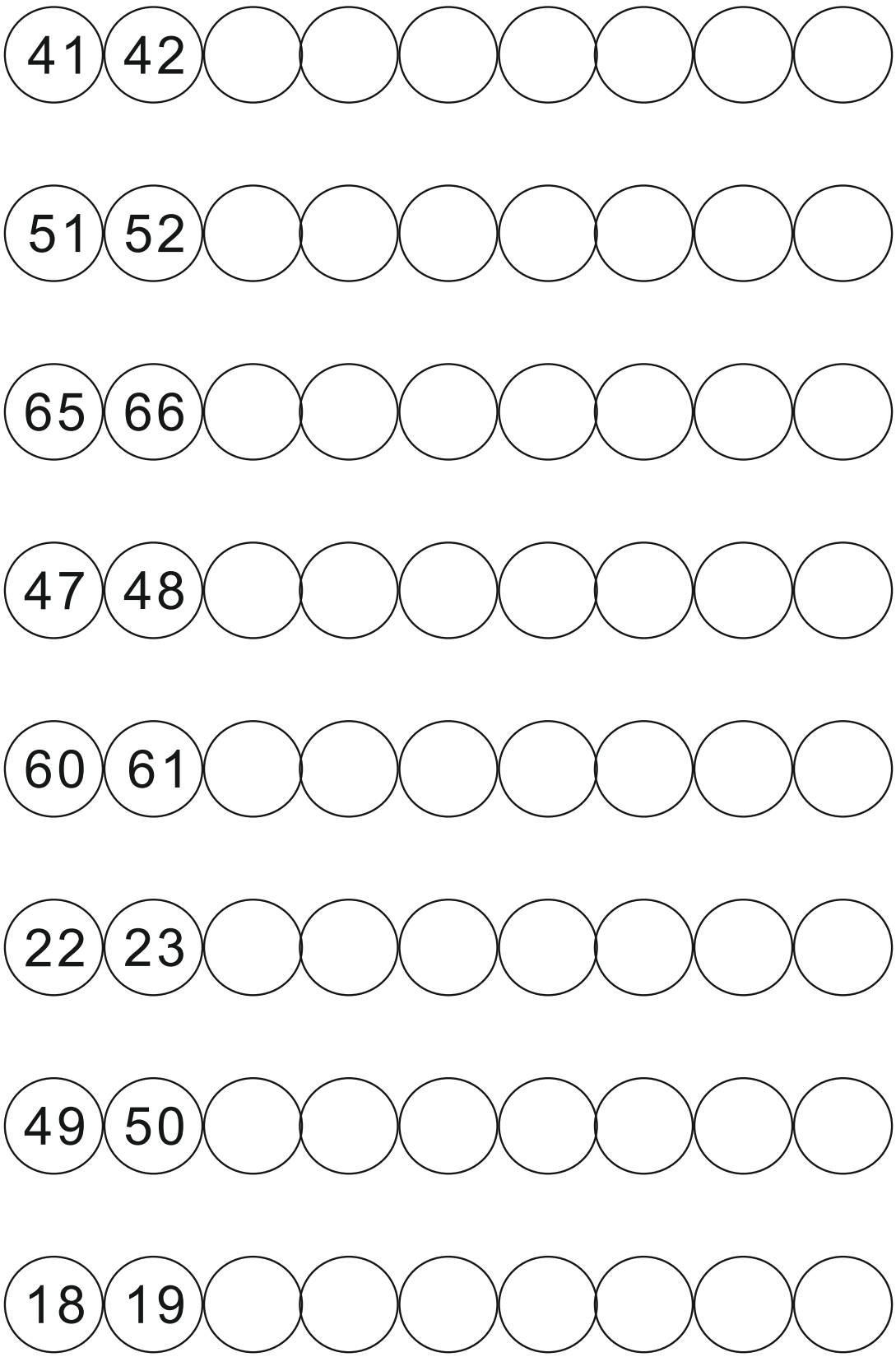
95 , 98 , 97 , 99 , 96 

51 , 50 , 52 , 54 , 53 

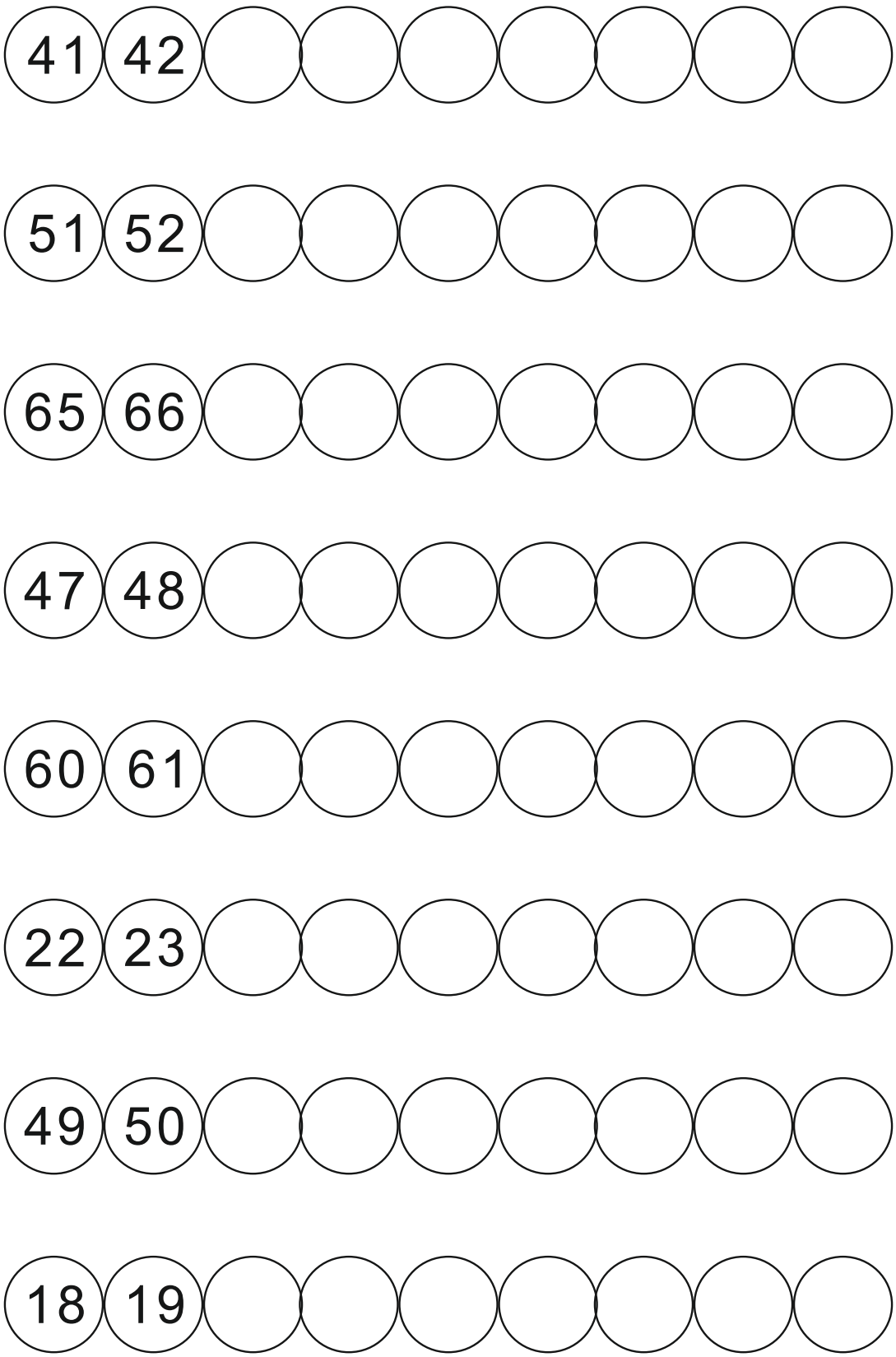
68 , 67 , 66 , 70 , 69 

38 , 39 , 40 , 41 , 42 

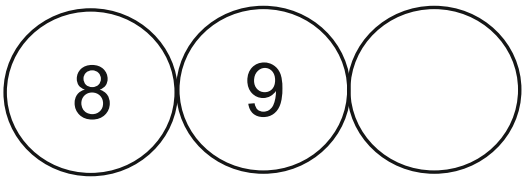
Write the numbers which follow in sequence.

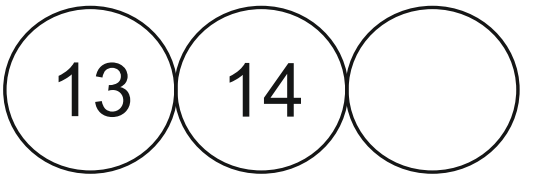


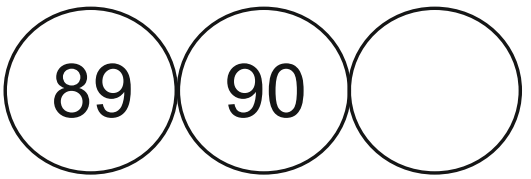
Write the numbers which follow in sequence.

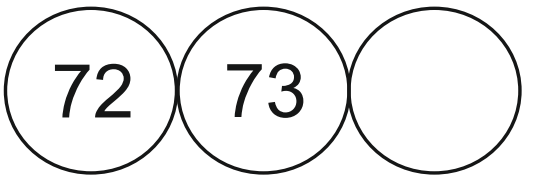


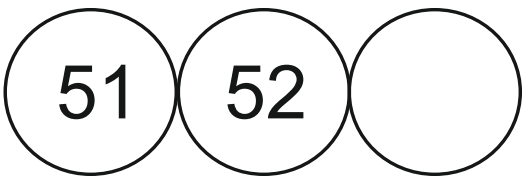
Write the next number.

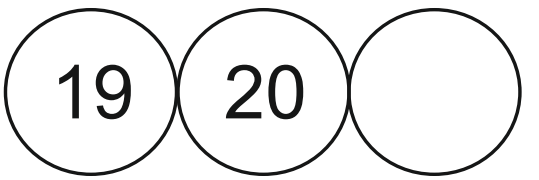


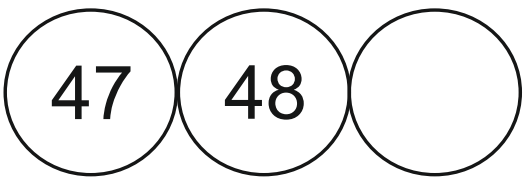


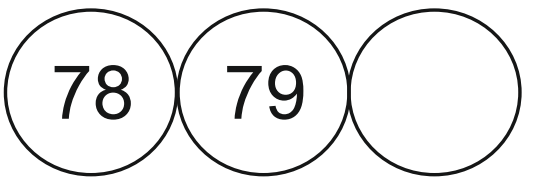


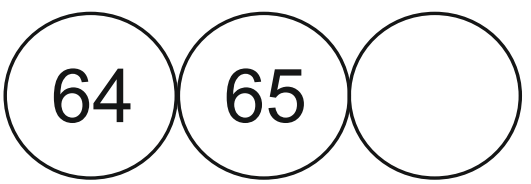


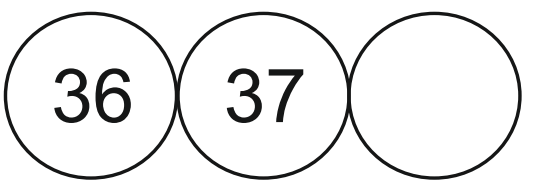




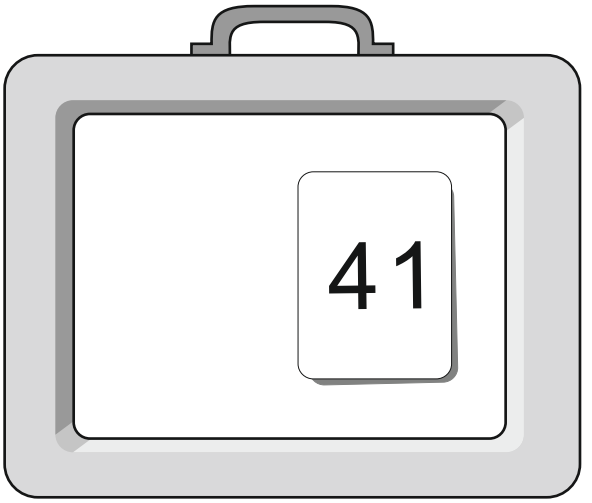


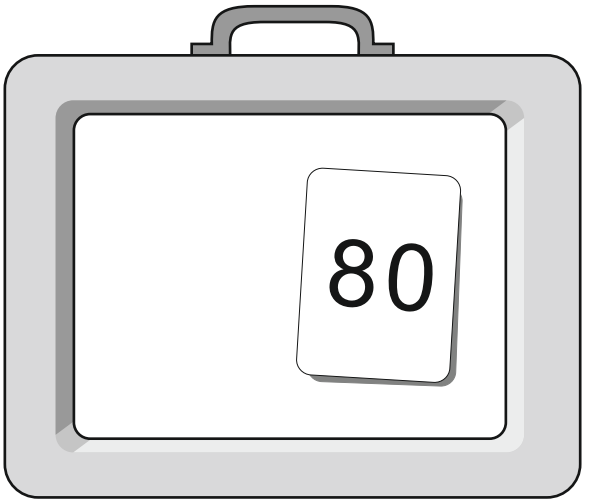


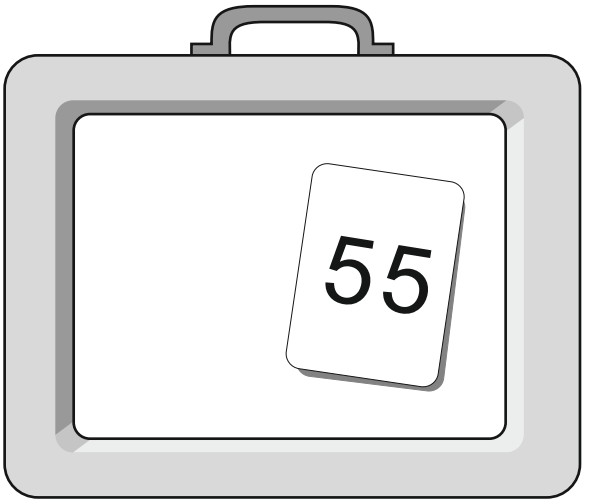


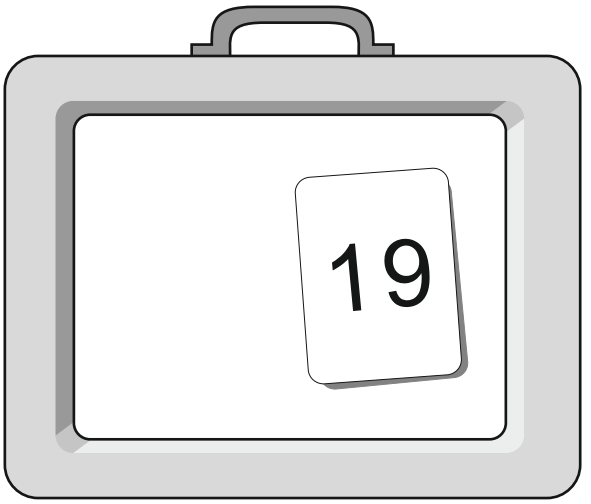


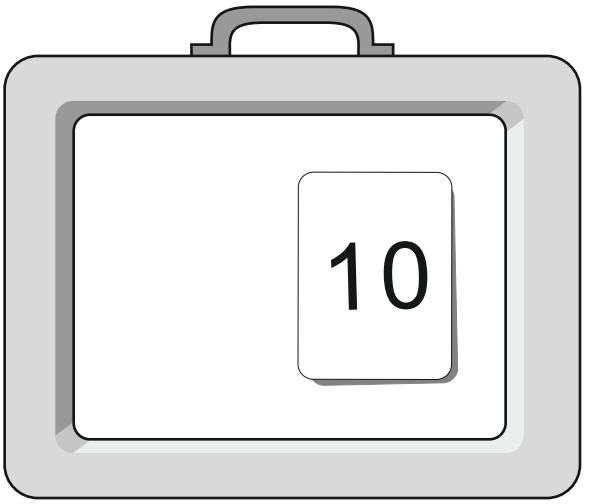
Each one picked one number card. Write the previous number on the slate.



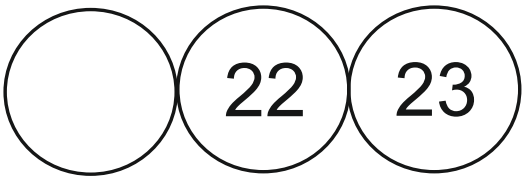


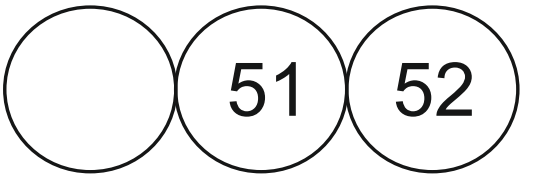


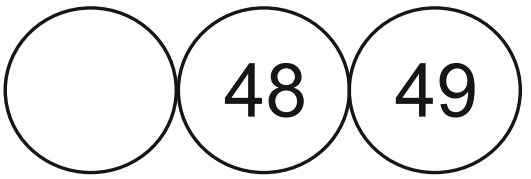


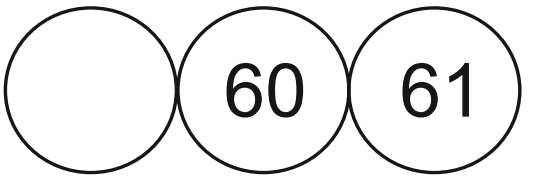


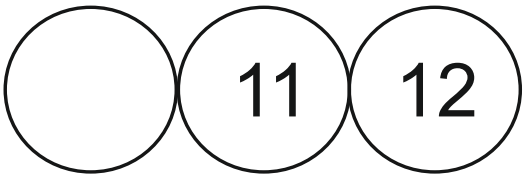
Write the number which comes before.

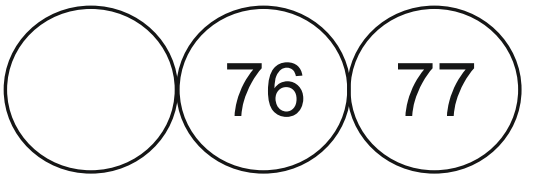


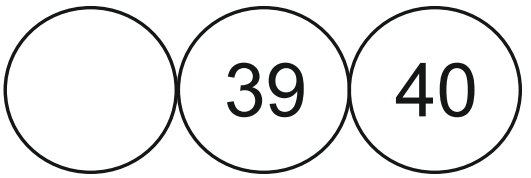


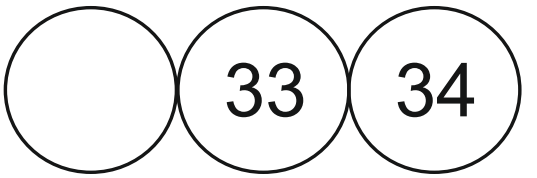


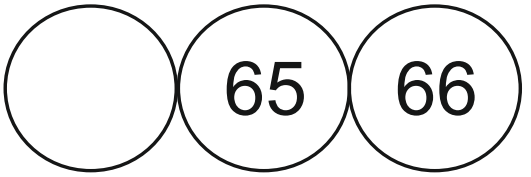


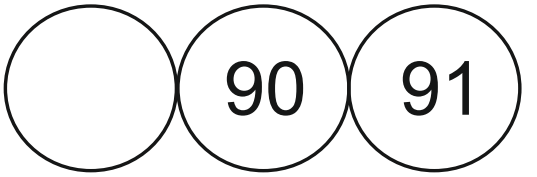




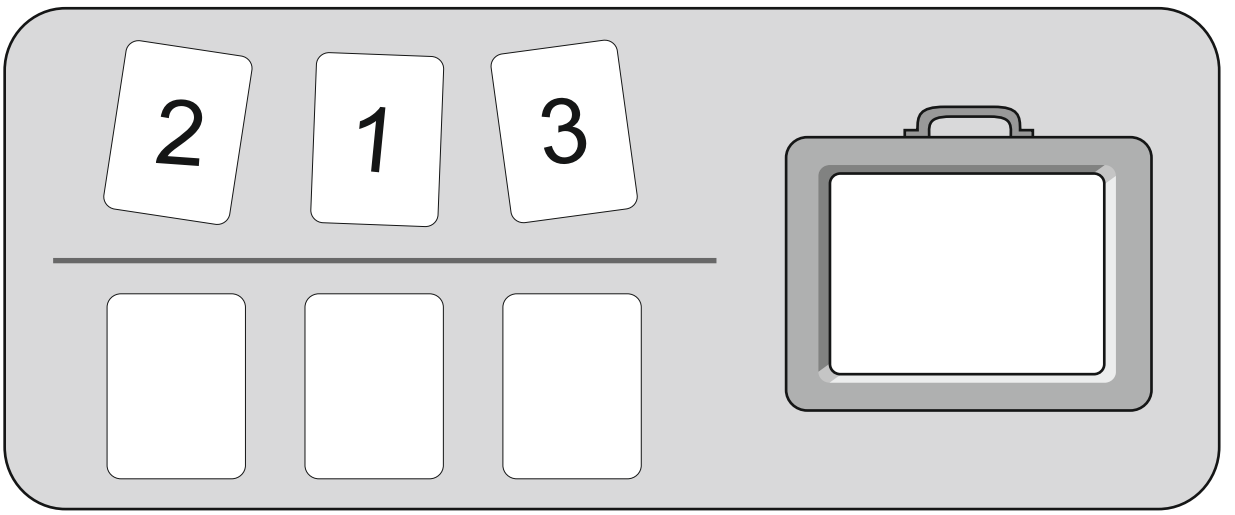


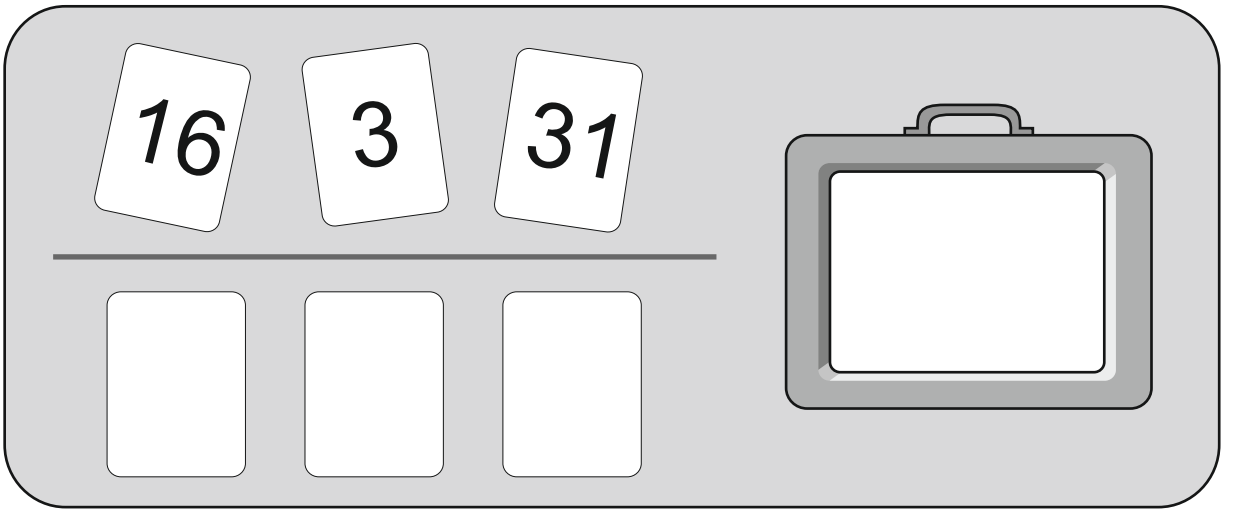


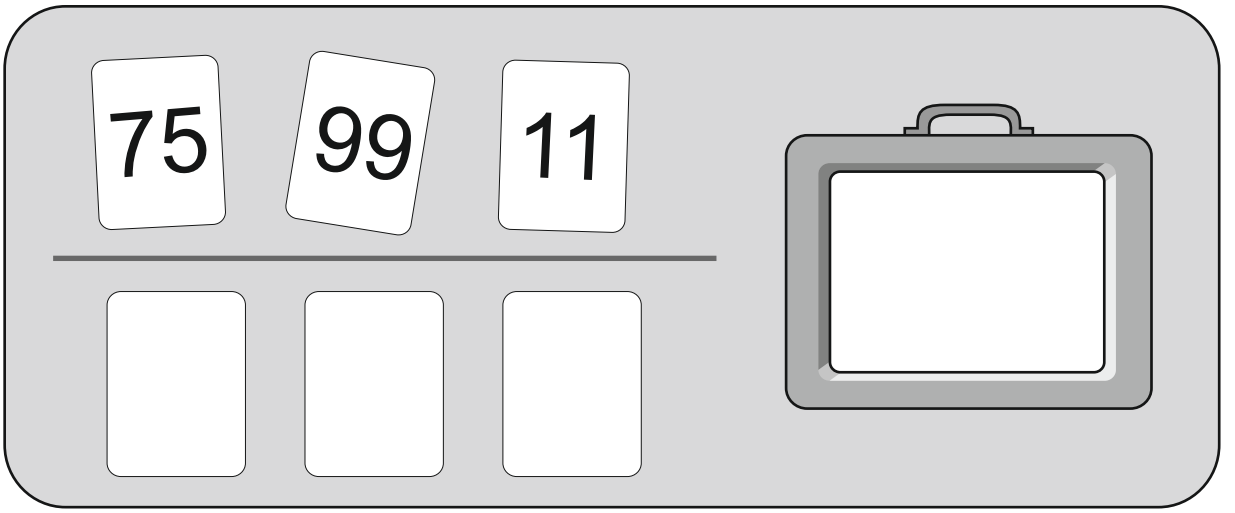




Each one picked three number cards. Write them in increasing sequence.
Write the smallest number on the slate.



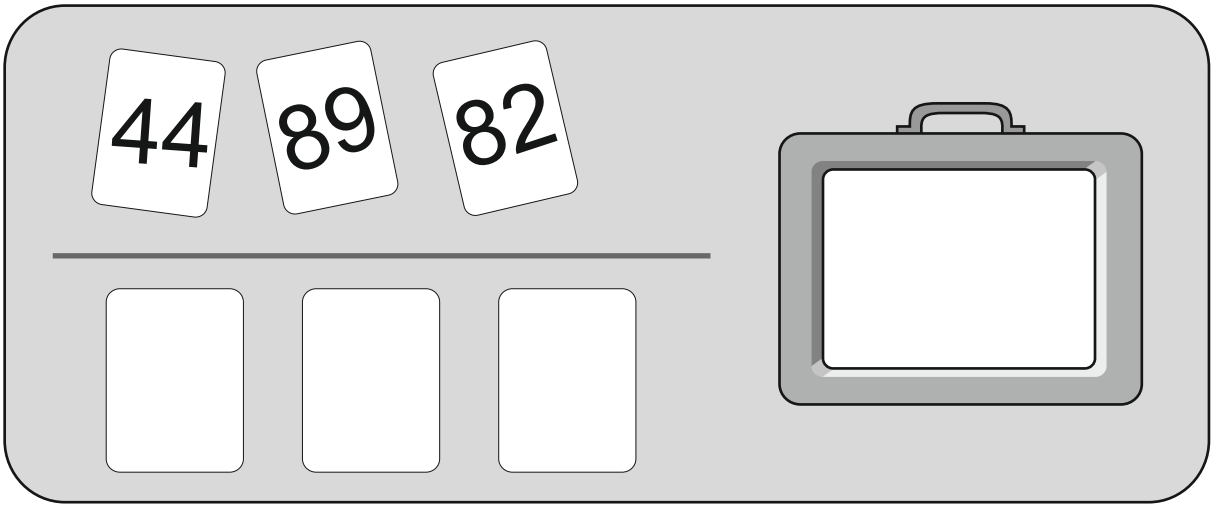


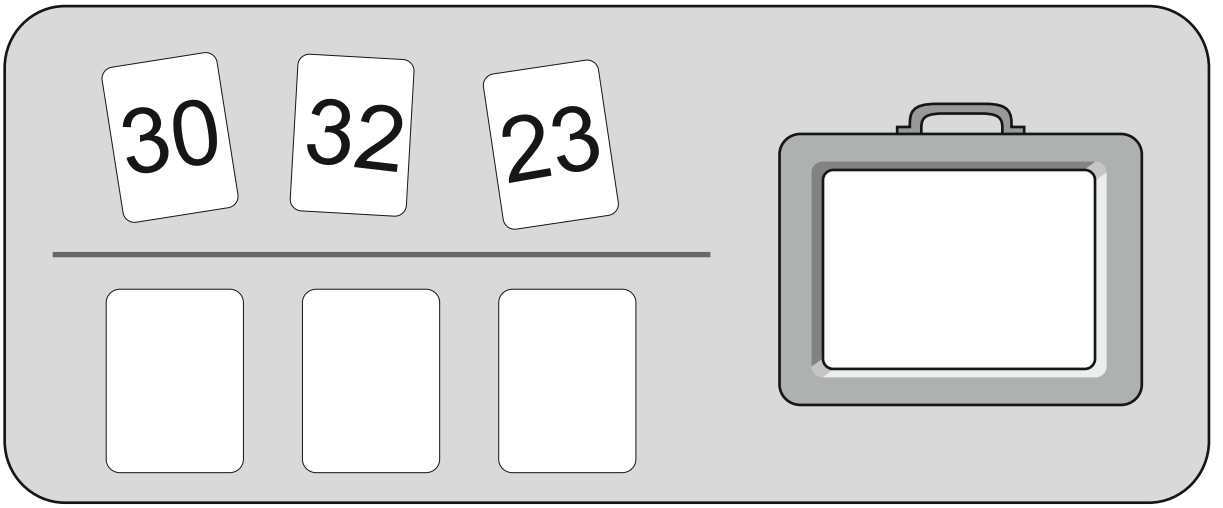


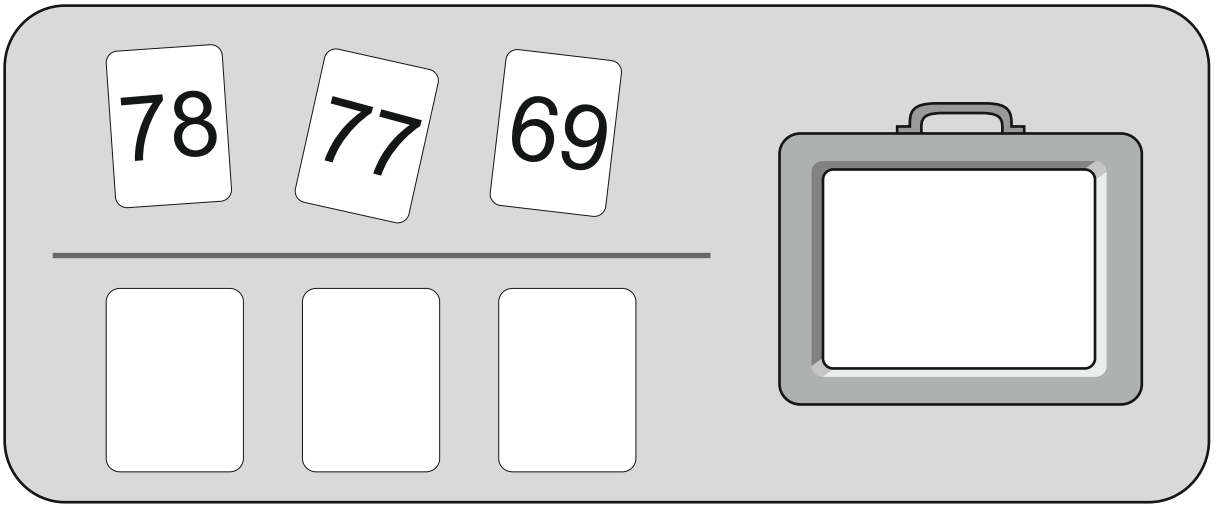
Write the numbers in increasing order.

91	68	35			
63	36	37			
48	99	71			
75	99	98			
11	14	21			
90	89	77			
55	74	47			

Each one picked three number cards. Write them in decreasing order.
Write the largest number on the slate.



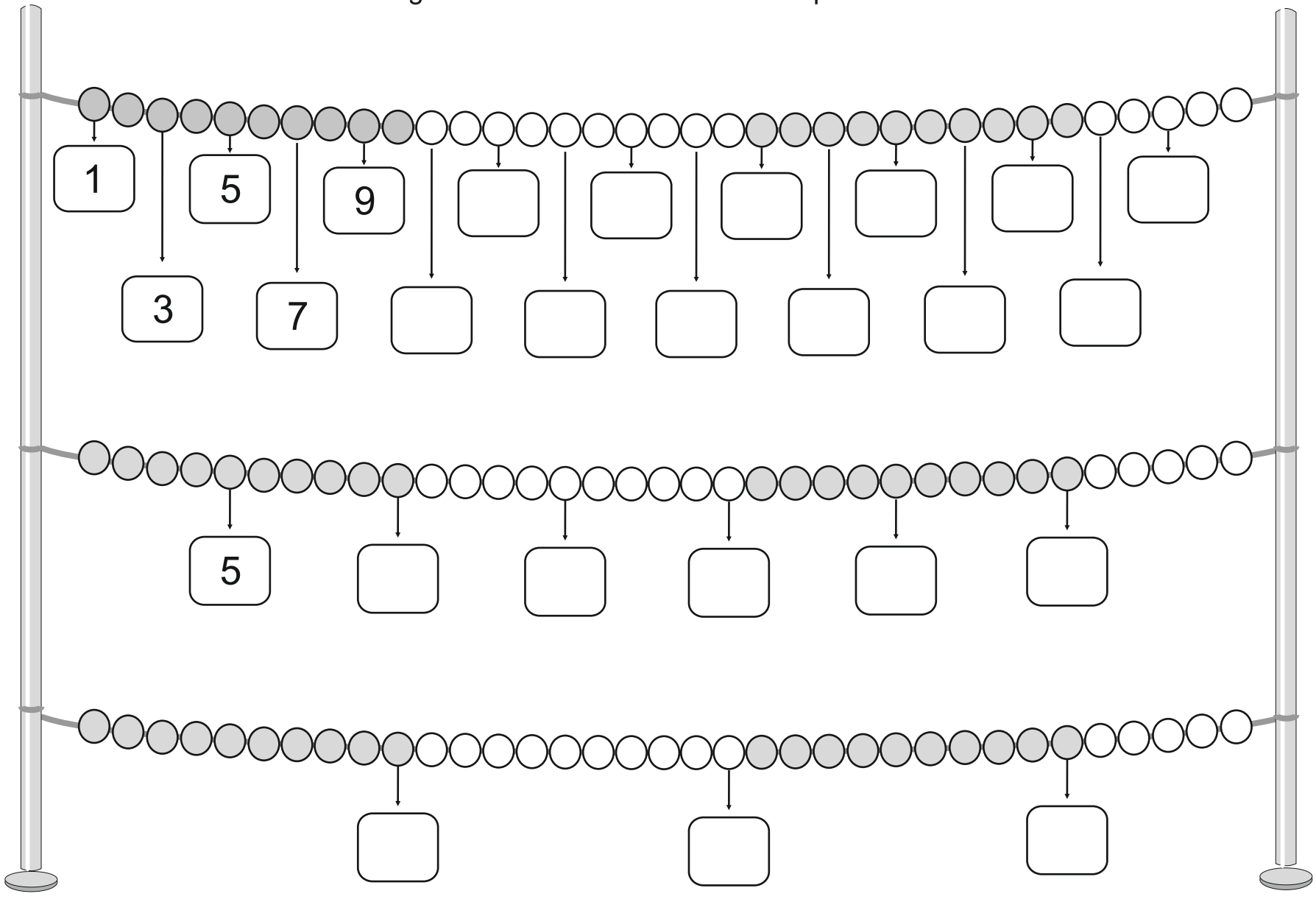




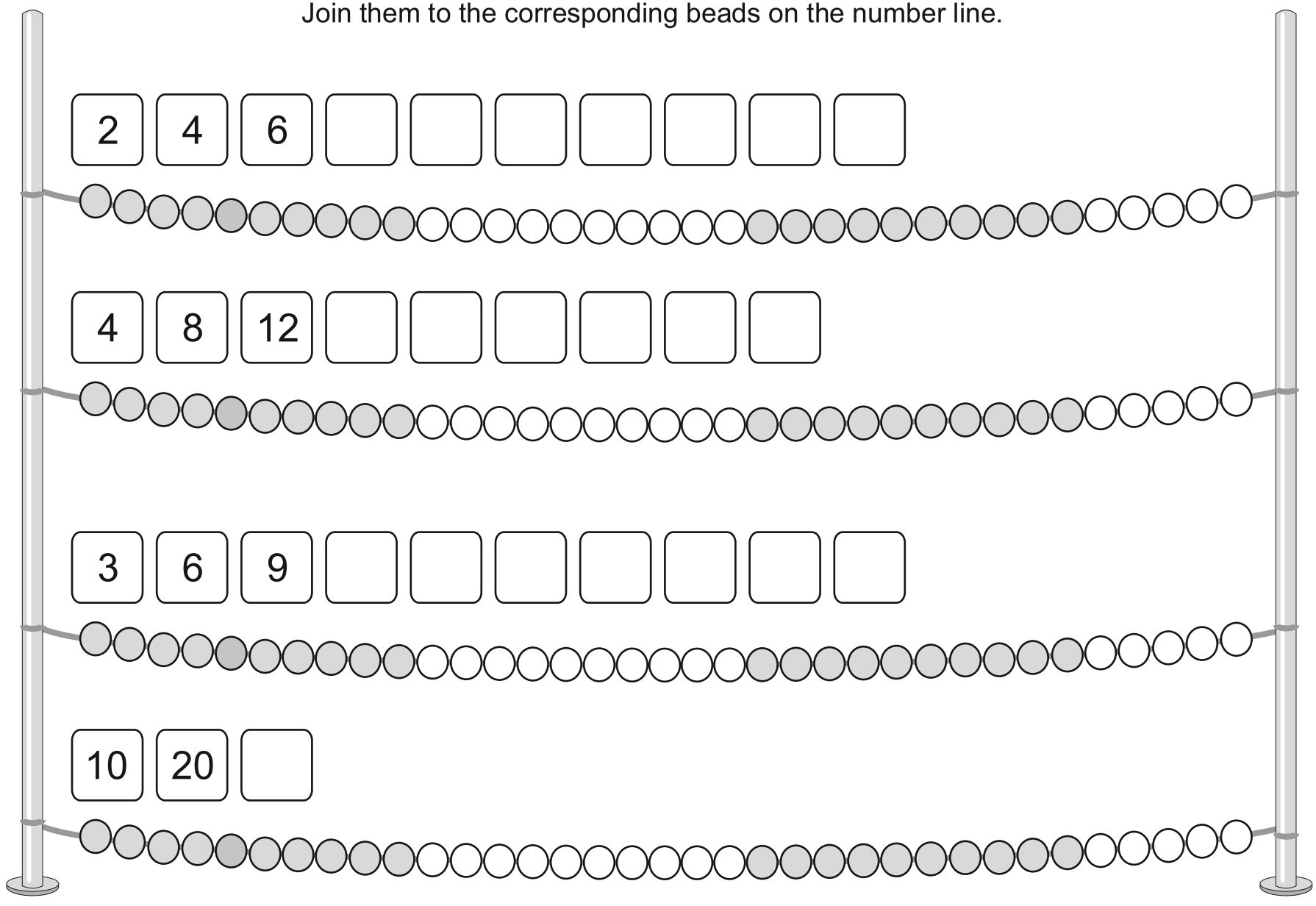
Write the numbers in decreasing order.

91	35	90			
63	36	37			
75	14	99			
11	98	21			
74	89	77			
48	99	71			
68	55	47			

Write the missing number in the box which corresponds to the attached bead.



Write the missing numbers by understanding the sequence.
Join them to the corresponding beads on the number line.



Colour the numbers in steps of 5.

Write them in the sequence given below.

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

5 , 10 , 15 , ___ , ___ , ___ , ___ , ___ , ___ , ___ ,

___ , ___ , ___ , ___ , ___ , ___ , ___ , ___ , ___ , ___ ,

Colour the numbers in steps of 2.

Write them in the sequence given below.

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

2 , 4 , 6 , ___ , ___ , ___ , ___ , ___ , ___ , ___ ,

___ , ___ , ___ , ___ , ___ , ___ , ___ , ___ , ___ , ___ ,

Colour the numbers in steps of 4.

Write them in the sequence given below.

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

4 , 8 , 12 , ___, ___, ___, ___, ___, ___, ___,

___, ___, ___, ___, ___, ___, ___, ___, ___, ___,

___, ___, ___, ___, ___, ___, ___, ___, ___, ___,

Colour the numbers in steps of 10.

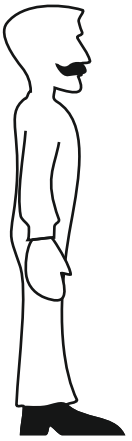
Write them in the sequence given below.

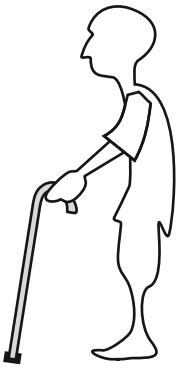
1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

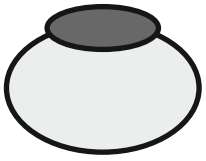
10, 20, 30 , ___, ___, ___, ___, ___, ___, ___,

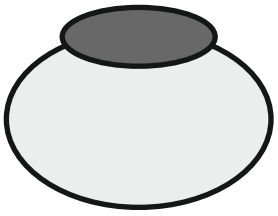
___, ___, ___, ___, ___, ___, ___, ___, ___, ___,

Each one lifted one object. Who lifted which object? Match the pairs.

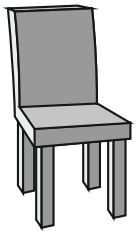


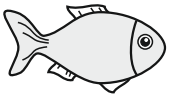


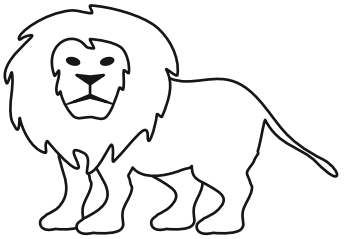




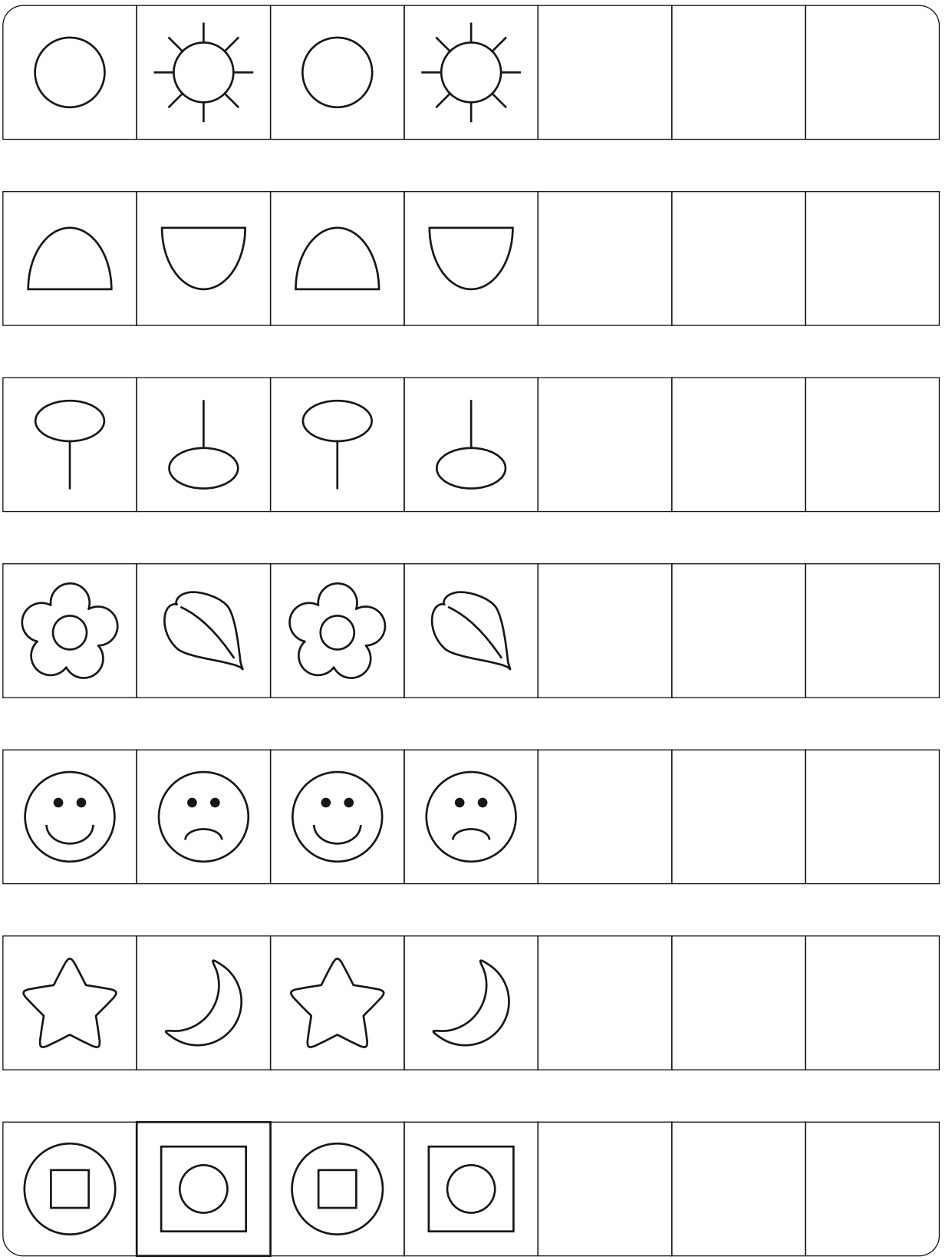
Draw a circle around each thing which you would be able to lift.



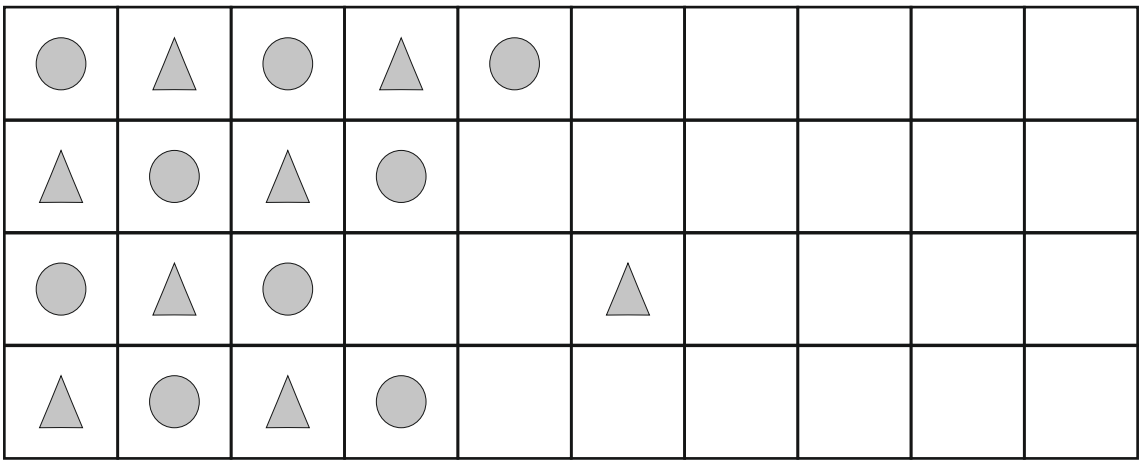




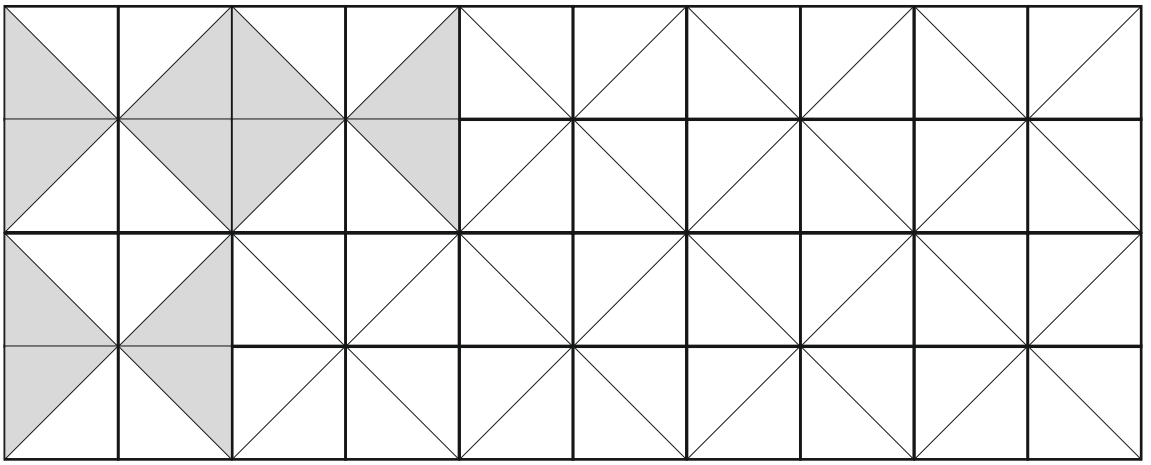
What follows in each sequence? Draw the pictures.



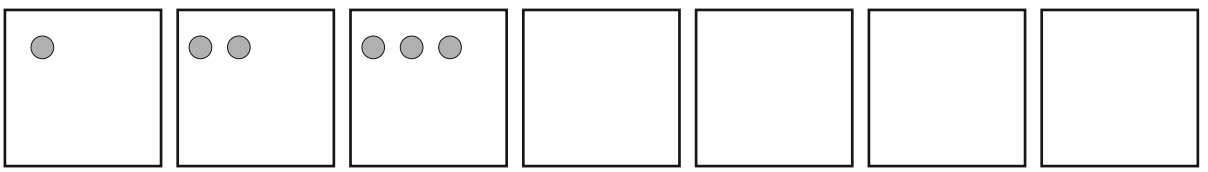
Look at the pattern and draw the missing pictures.

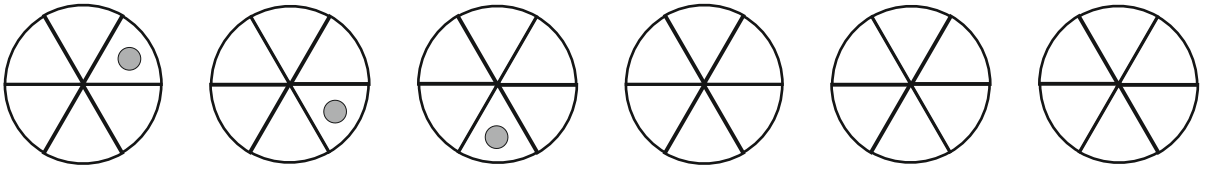


Complete the pattern by colouring the appropriate parts.



Complete the patterns

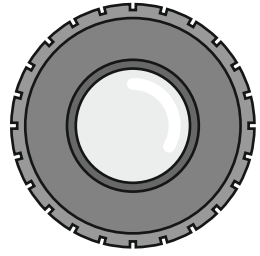


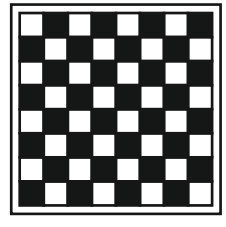


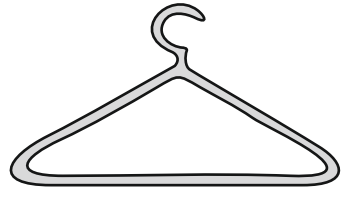
Complete the pattern by filling the blank squares.

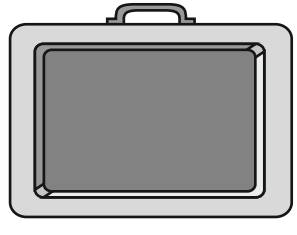
2	12	22	32			
1	3	5	7			
11	13	15	17			
91	92	93	94			
9	8	7	6			
60	50	40	30			
39	38	37	36			

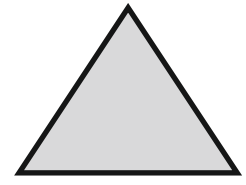
Join each object to its shape and then to the name of the shape.

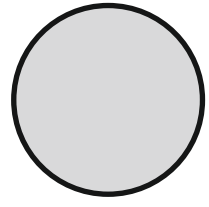


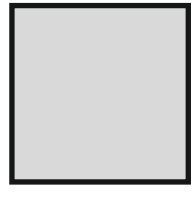












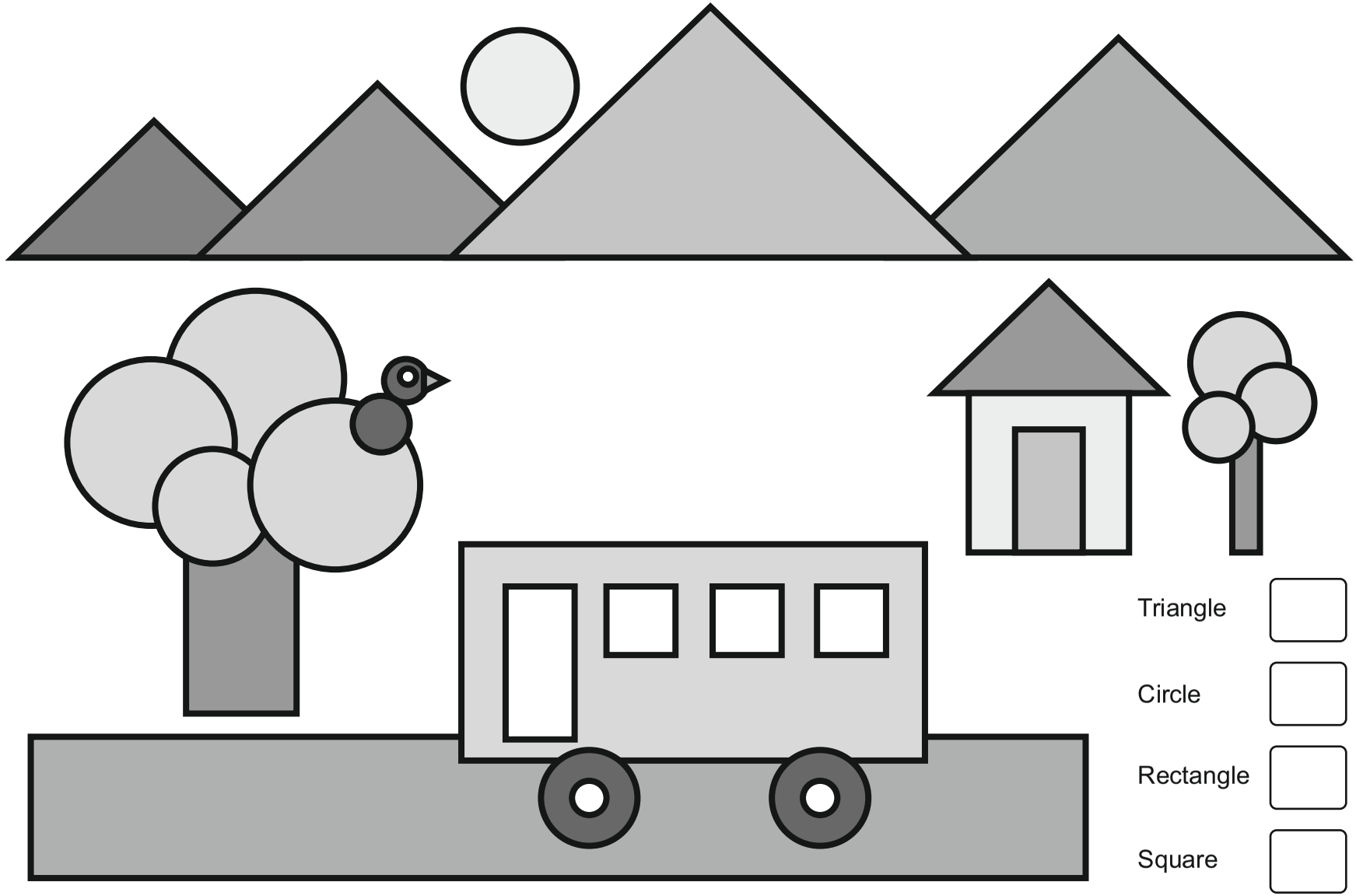
Rectangle

Triangle

Square

Circle

Count the number of times each shape appears in the following picture.
Write the number in the appropriate box.



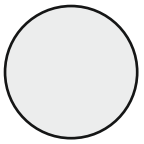
Triangle ☐

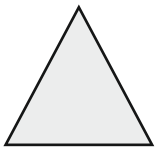
Circle ☐

Rectangle ☐

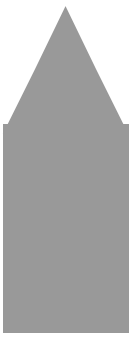
Square ☐

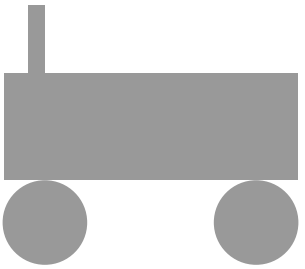
Look at the given shape. Draw many bigger and smaller shapes.

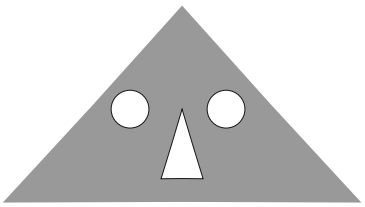




Each picture below is made by joining shapes like triangles, circles, squares and rectangles. Write below the picture which shapes were joined how many times.







Make a picture by joining the given shapes as many times as you want.

Yesterday - Today - Tomorrow

Write the missing days of the week in sequence:

Monday		Wednesday				

Today is Wednesday
Yesterday was _____
Tomorrow is _____

Today is _____
Yesterday was Thursday
Tomorrow is _____

Today is _____
Yesterday was Sunday
Tomorrow is _____

Today is _____
Yesterday was _____
Tomorrow is Sunday

Today is _____
Yesterday was _____
Tomorrow is Friday

Today is Monday
Yesterday was _____
Tomorrow is _____

Write the missing weekdays and dates :

Monday	Tuesday					
18 June	19 June					

Wednesday	Thursday					
15 August	16 August					

Saturday	Sunday					
6 October	7 October					

Look at this year's calendar.
Write the serial number, name and number of days of each month.

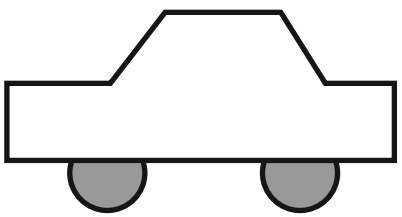
Serial number of the month	Name of the month	Number of days
1	January	31
2	February	

Draw three horizontal lines.

Draw three vertical lines.

Draw three slanted lines.

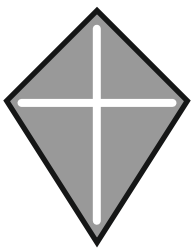
Look at each picture. Count and write the number of horizontal, vertical and slanted lines in each.



Horizontal lines ☐

Vertical lines ☐

Slanted lines ☐



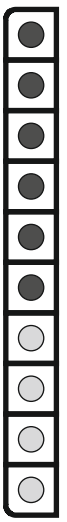
Horizontal lines ☐

Vertical lines ☐

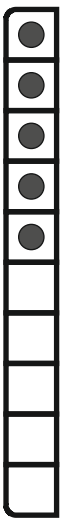
Slanted lines ☐

Colour the missing beads. Write the sum.

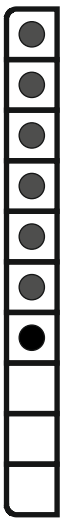
$$\begin{array}{r} 6 \\ +\ 4 \\ \hline \boxed{10} \end{array}$$



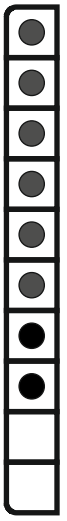
$$\begin{array}{r} 5 \\ +\ 5 \\ \hline \square \end{array}$$



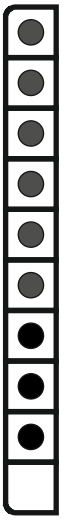
$$\begin{array}{r} 7 \\ +\ 3 \\ \hline \square \end{array}$$



$$\begin{array}{r} 8 \\ +\ 2 \\ \hline \square \end{array}$$



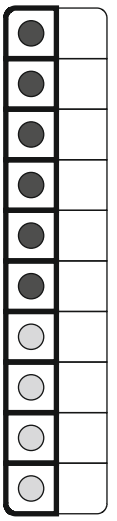
$$\begin{array}{r} 9 \\ +\ 1 \\ \hline \square \end{array}$$



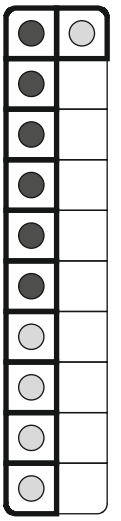
Number	First Part	Second Part
10	5	
10	6	
10	7	
10	8	
10	9	

Colour the missing beads corresponding to the number being added.
Write the sum.

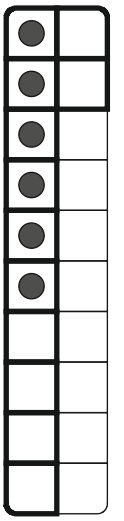
$$6 + 4 = 10$$



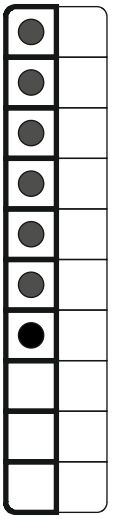
$$6 + 5 = \square$$



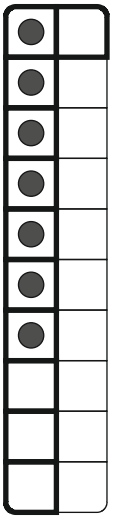
$$6 + 6 = \square$$



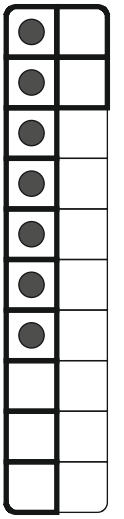
$$7 + 3 = \square$$



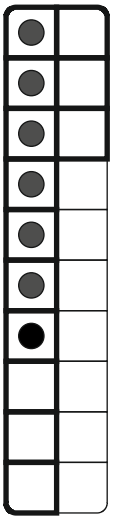
$$7 + 4 = \square$$



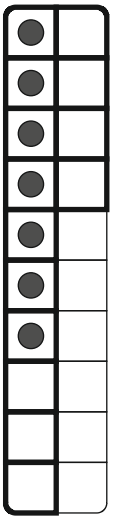
$$7 + 5 = \square$$



$$7 + 6 = \square$$

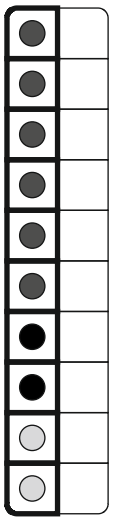


$$7 + 7 = \square$$

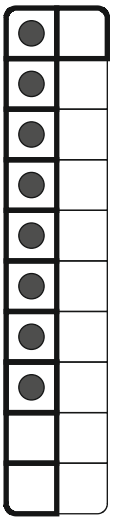


Look at the addition. Colour the missing beads. Write the sum.

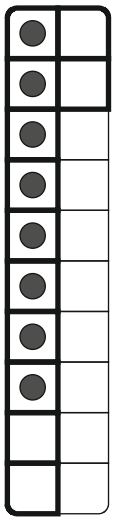
$$\begin{array}{r} 8 \\ +\ 2 \\ \hline 10 \end{array}$$



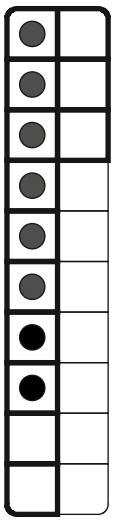
$$\begin{array}{r} 8 \\ +\ 3 \\ \hline \square \end{array}$$



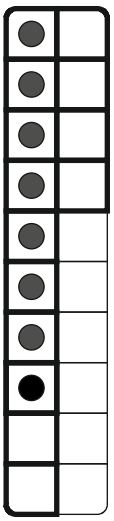
$$\begin{array}{r} 8 \\ +\ 4 \\ \hline \square \end{array}$$



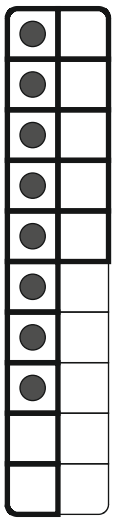
$$\begin{array}{r} 8 \\ +\ 5 \\ \hline \square \end{array}$$



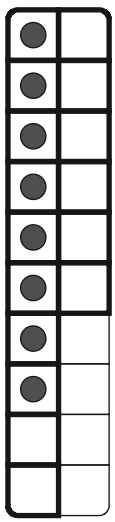
$$\begin{array}{r} 8 \\ +\ 6 \\ \hline \square \end{array}$$



$$\begin{array}{r} 8 \\ +\ 7 \\ \hline \square \end{array}$$

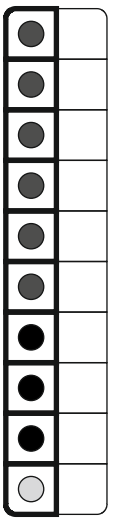


$$\begin{array}{r} 8 \\ +\ 8 \\ \hline \square \end{array}$$

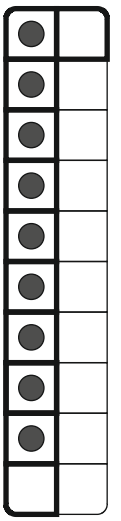


Look at the addition. Colour the missing beads. Write the sum.

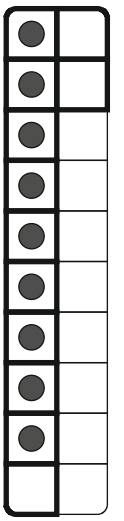
$$\begin{array}{r} 9 \\ +\ 1 \\ \hline 10 \end{array}$$



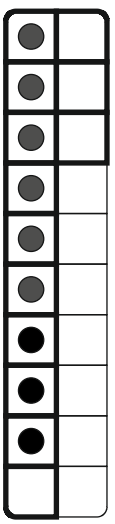
$$\begin{array}{r} 9 \\ +\ 2 \\ \hline \square \end{array}$$



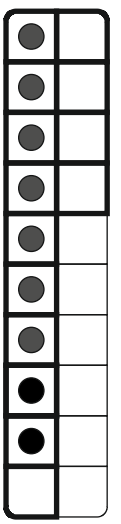
$$\begin{array}{r} 9 \\ +\ 3 \\ \hline \square \end{array}$$



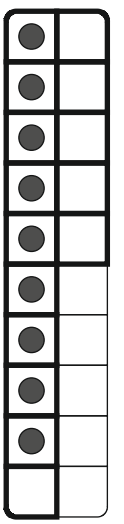
$$\begin{array}{r} 9 \\ +\ 4 \\ \hline \square \end{array}$$



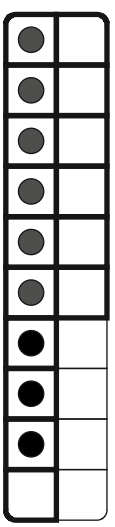
$$\begin{array}{r} 9 \\ +\ 5 \\ \hline \square \end{array}$$



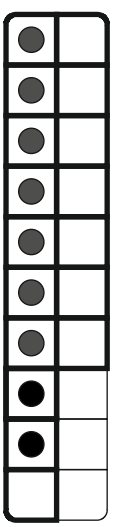
$$\begin{array}{r} 9 \\ +\ 6 \\ \hline \square \end{array}$$



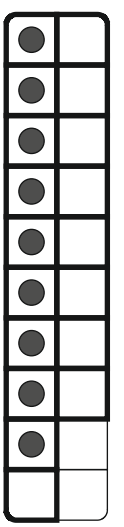
$$\begin{array}{r} 9 \\ +\ 7 \\ \hline \square \end{array}$$



$$\begin{array}{r} 9 \\ +\ 8 \\ \hline \square \end{array}$$



$$\begin{array}{r} 9 \\ +\ 9 \\ \hline \square \end{array}$$



ADDING MACHINE

+	0	1	2	3	4	5
0	0	1	2	3	4	5
1	1				5	
2	2			5		
3	3		5			
4	4	5				
5	5					

ADDING MACHINE

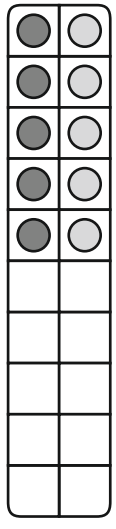
+	0	1	2	3	4	5	6	7	8	9	10
0											10
1										10	
2									10		
3								10			
4							10				
5						10					
6					10						
7				10							
8			10								
9		10									
10	10										

Number	First Part	Second Part
11	10	
11	9	
11	8	
11	7	
11	6	
12	10	
12	9	
12	8	
12	7	
12	6	

Number	First Part	Second Part
13	10	
13	9	
13	8	
13	7	
13	6	
14	10	
14	9	
14	8	
14	7	
14	6	

Number	First Part	Second Part
15	10	
15	9	
15	8	
15	7	
16	10	
16	9	
16	8	
17	10	
17	9	
18	9	

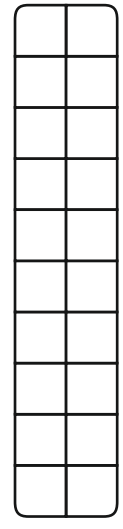
Colour the beads as instructed with equal number of beads in each column.



10 beads in 2 columns

5 + 5 = 10

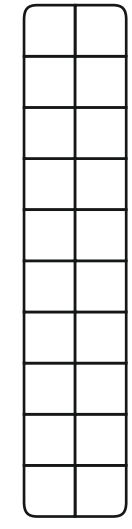
10 − 5 = 5



12 beads in 2 columns

□ + □ = 12

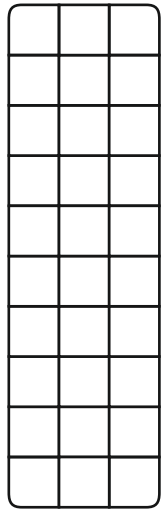
□ − □ = □



14 beads in 2 columns

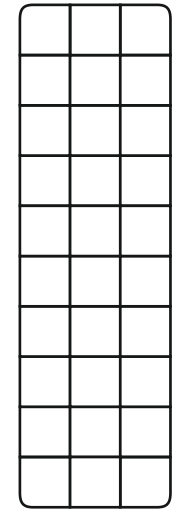
□ + □ = 14

□ − □ = □



12 beads in 3 columns

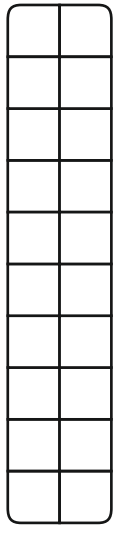
□ + □ + □ = 12



15 beads in 3 columns

□ + □ + □ = 15

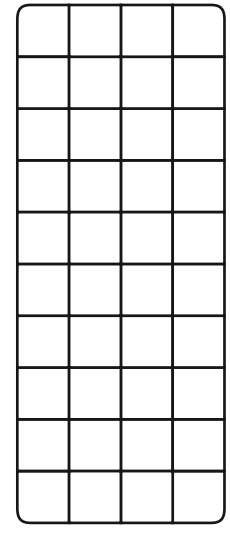
Colour the beads as instructed with equal number of beads in each column.



16 beads in 2 columns

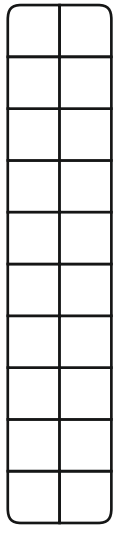
□ + □ = 16

□ − □ = □



16 beads in 4columns

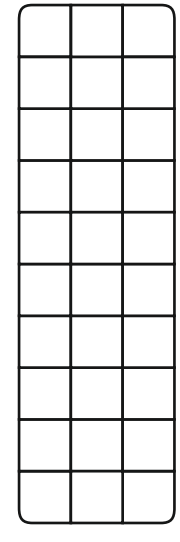
□ + □ + □ + □ = 16



18 beads in 2 columns

□ + □ = 18

□ − □ = □

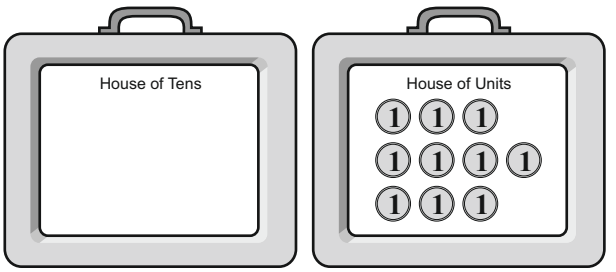


18 beads in 3 columns

□ + □ + □ = 18

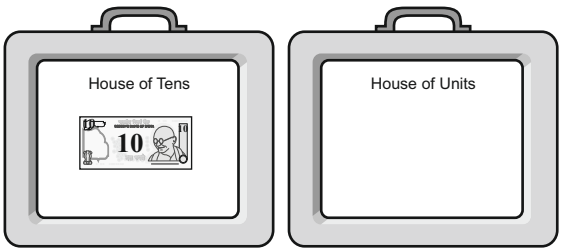
Look at the units and tens. Write the numeral in each house.

Ten rupees



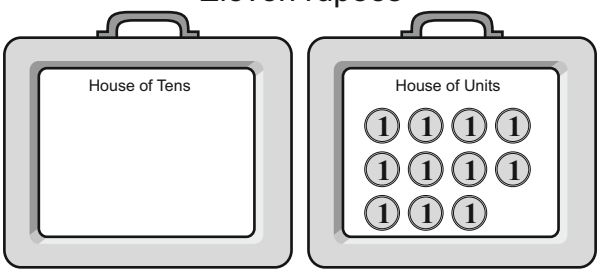
Tens	Units
	10

Ten rupees



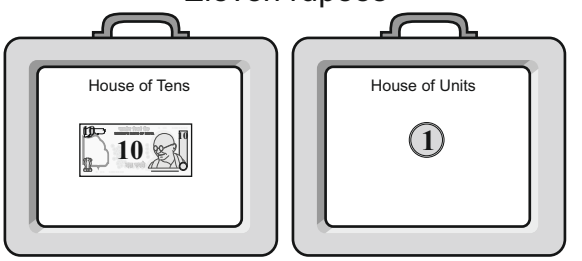
Tens	Units
1	0

Eleven rupees



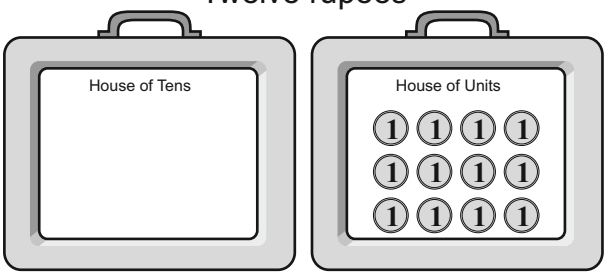
Tens	Units

Eleven rupees



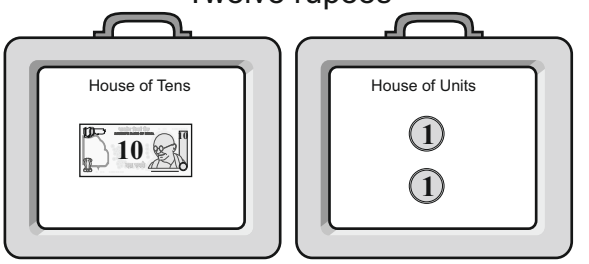
Tens	Units

Twelve rupees



Tens	Units

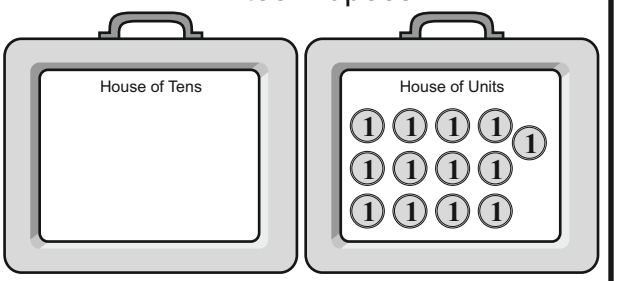
Twelve rupees



Tens	Units

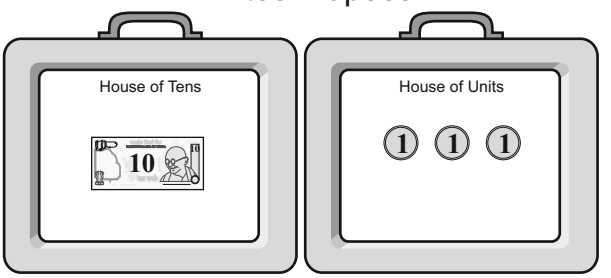
Look at the units and tens. Write the numerals in the correct houses.

Thirteen rupees



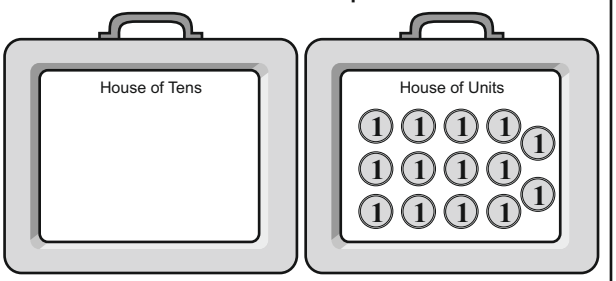
Tens	Units

Thirteen rupees



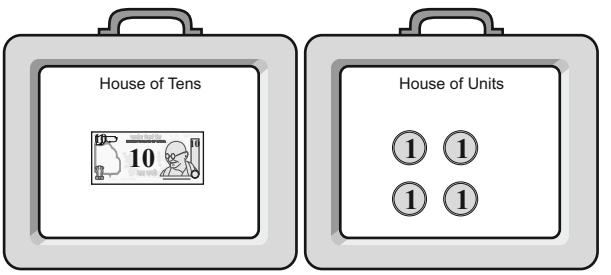
Tens	Units

Fourteen rupees



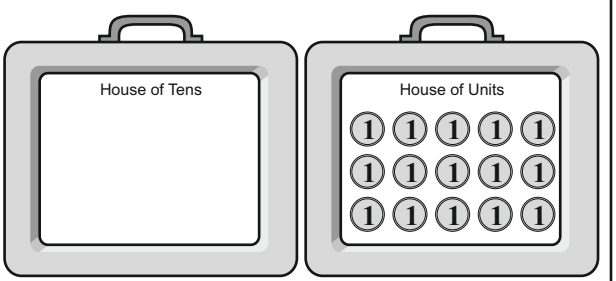
Tens	Units

Fourteen rupees



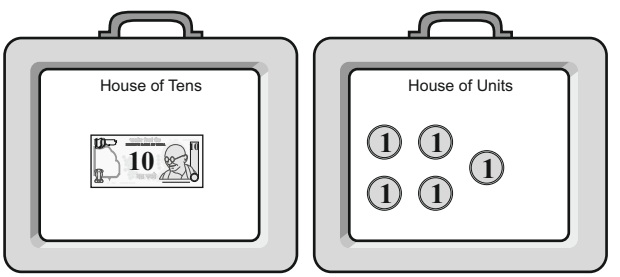
Tens	Units

Fifteen rupees



Tens	Units

Fifteen rupees

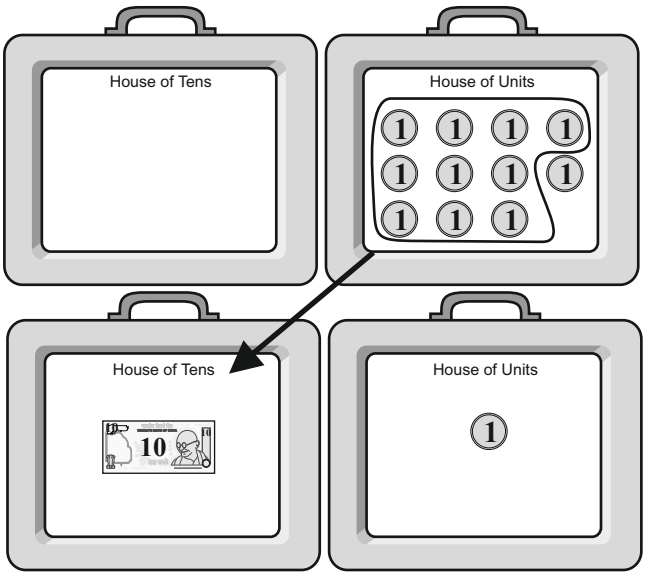


Tens	Units

Write each number in two forms.

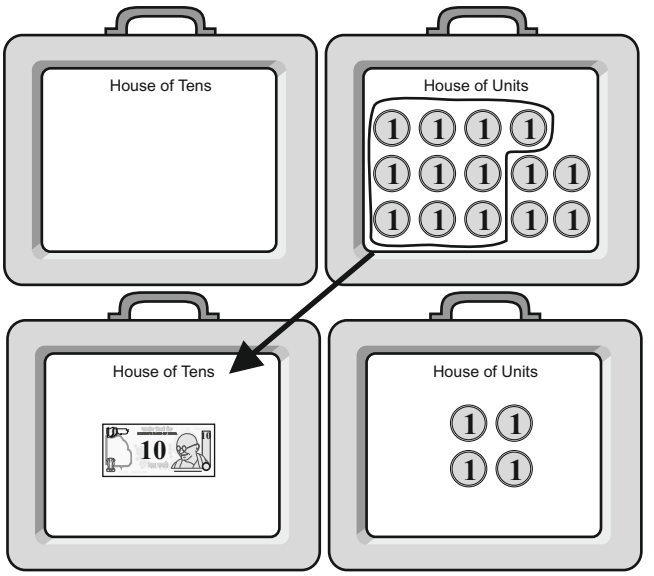
	In Units Form	As Tens and Units
12 →	Tens | Units	Tens | Units
16 →	Tens | Units	Tens | Units
17 →	Tens | Units	Tens | Units
18 →	Tens | Units	Tens | Units
15 →	Tens | Units	Tens | Units
11 →	Tens | Units	Tens | Units
10 →	Tens | Units	Tens | Units
13 →	Tens | Units	Tens | Units

Convert from units into tens and units. Write the numerals for both forms.



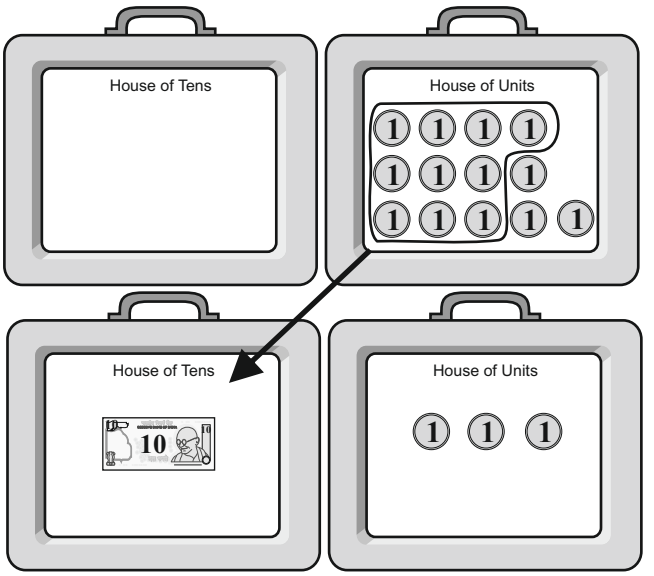
Tens	Units

Tens	Units



Tens	Units

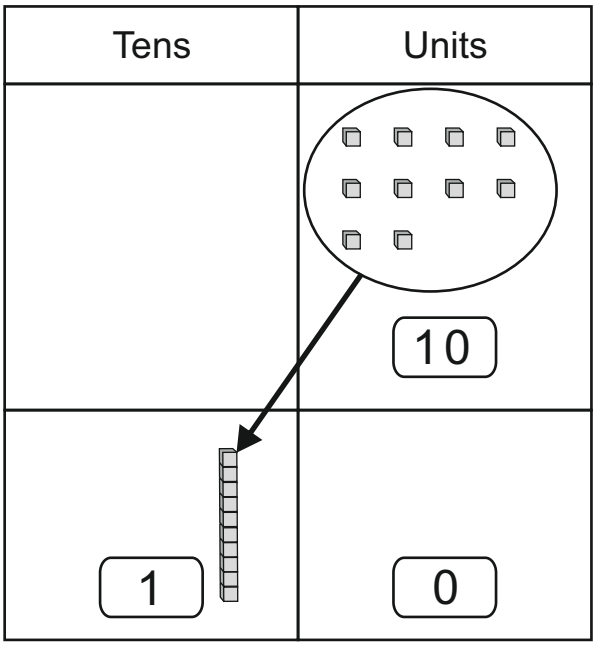
Tens	Units

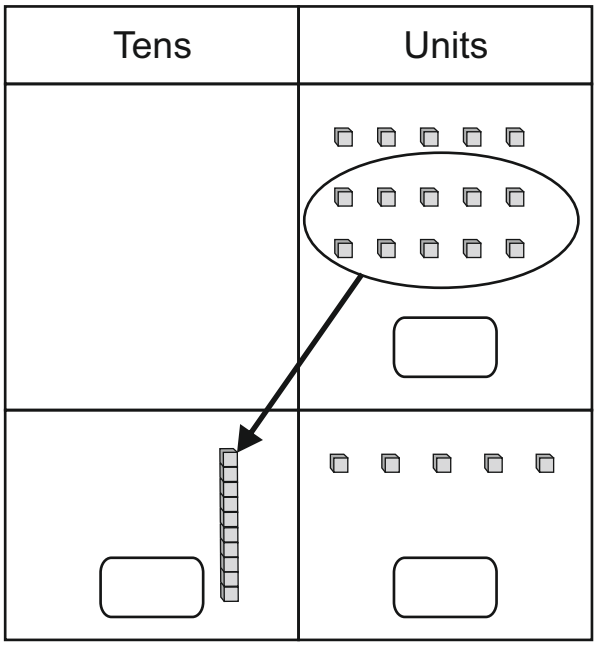


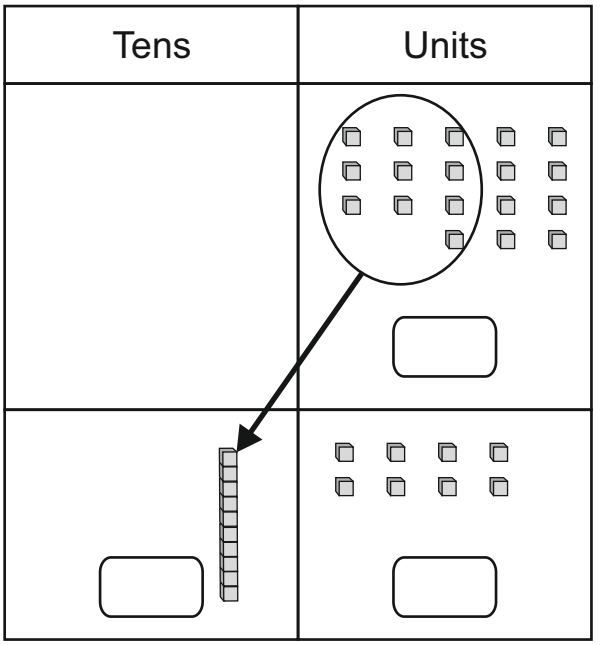
Tens	Units

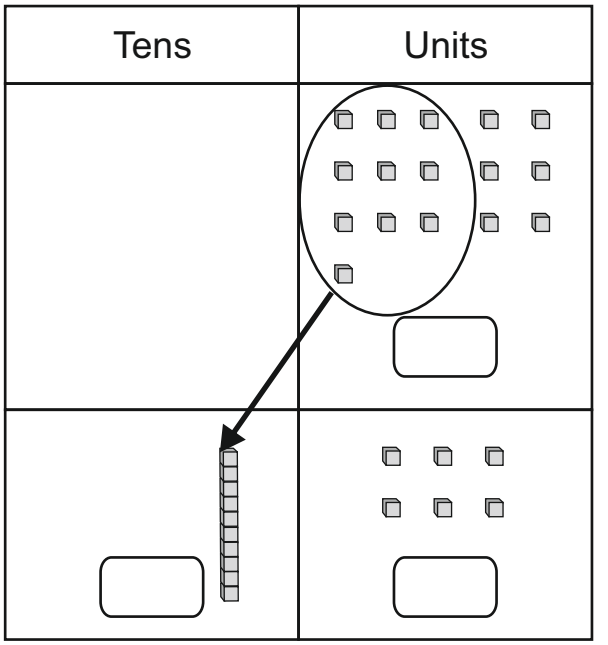
Tens	Units

Look at the form. Write the numerals for both forms.









Change ten units into one ten and write the number in tens and units.

Tens	Units
	13
1	3

13 Units

1 Tens 3 Units

Tens	Units
	17

Tens	Units
	15

Tens	Units
	10

Tens	Units
	14

Tens	Units
	11

Tens	Units
	16

Tens	Units
	12

Tens	Units
	18

	Tens	Units
+		7
		5
		①2
	1	2

	Tens	Units
+		8
		5
		①3

	Tens	Units
+		7
		3
		①0

	Tens	Units
+		4
		7

	Tens	Units
+		6
		4

	Tens	Units
+		6
		7

	Tens	Units
+		6
		5
	1	1

		Units
+		8
		6

	Tens	Units
+		9
		4

	Tens	Units
+		8
		7

	Tens	Units
+		5
		9

	Tens	
+		8
		8

	Tens	Units
	3	4
+	1	7
	4	(1)1
	5	1

	Tens	Units
	4	2
+	4	9
	8	(1)1
	9	1

	Tens	Units
	6	7
+	1	7

	Tens	Units
	3	6
+	3	6

	Tens	Units
	7	1
+	1	9

	Tens	Units
	2	5
+	1	8

	Tens	Units
	3	5
+	4	5

	Tens	Units
	8	0
+	1	2

	Tens	Units
	7	0
+	2	0

	Tens	Units
	2	4
+	2	8

	Tens	Units
	1	7
+		6

	Tens	Units
	5	5
+		5

1) A mango tree had 58 mangoes on it. A second tree had 34 mangoes on it. What was the total number of mangoes on both trees?

	Tens	Units
	5	8
+	3	4
	8	(1)2
	9	2

2) There are 24 boys and 26 girls in Chandu's class. How many students are there in all?

Tens	Units

3) Mummy has 42 rupees. Daddy has 49 rupees. How many rupees do they both together have ?

Tens	Units

4) Sister planted 19 aster plants and 15 rose plants. How many plants were planted in all?

Tens	Units

Do the addition. Write an example from real life in words.

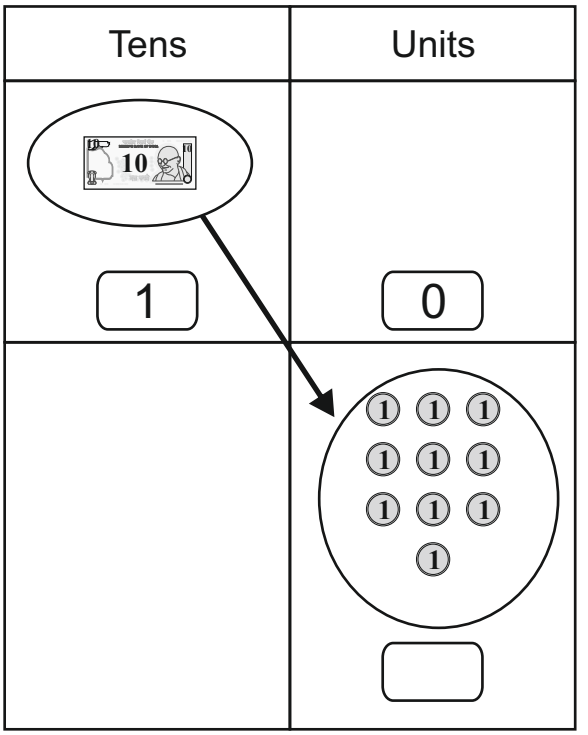
	Tens	Units
	2	4
+	1	6

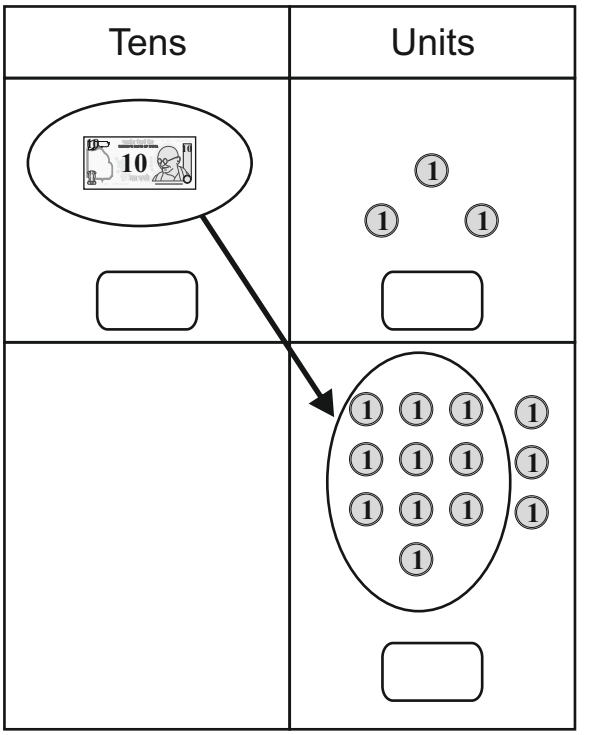
	Tens	Units
	3	6
+	3	6

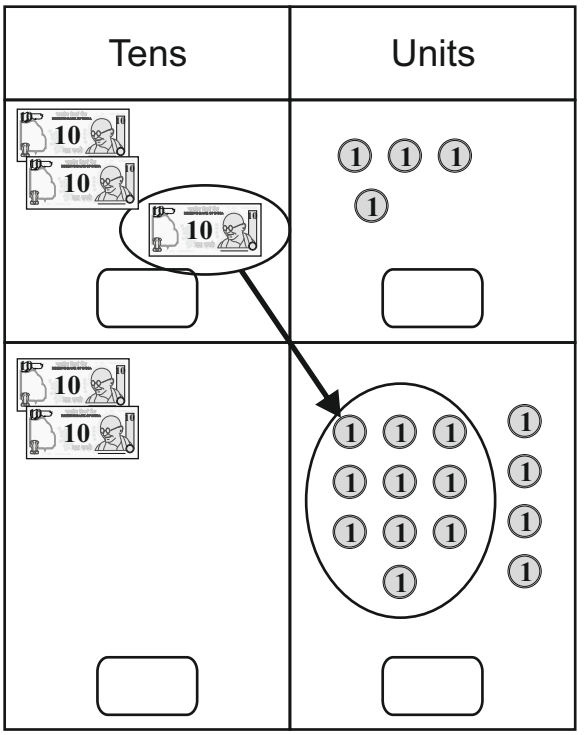
	Tens	Units
	3	6
+	4	7

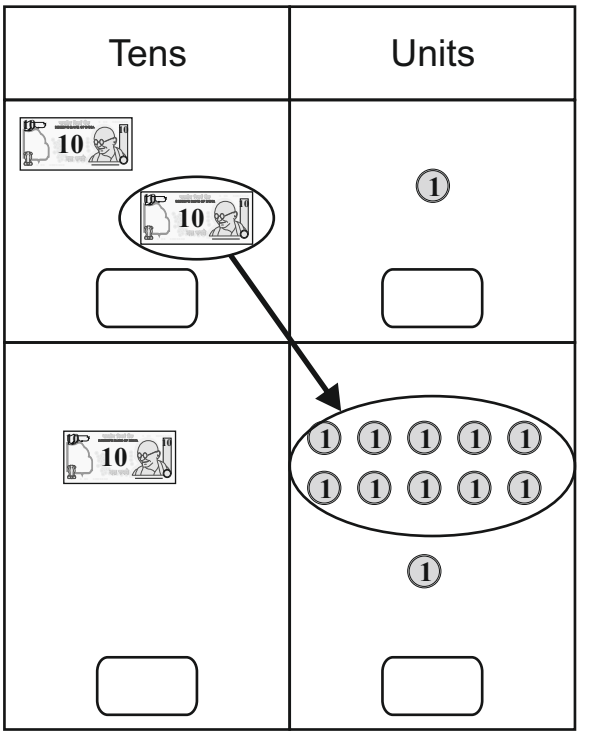
	Tens	Units
	2	4
+	2	8

Change a ten into units and write the number in both forms.

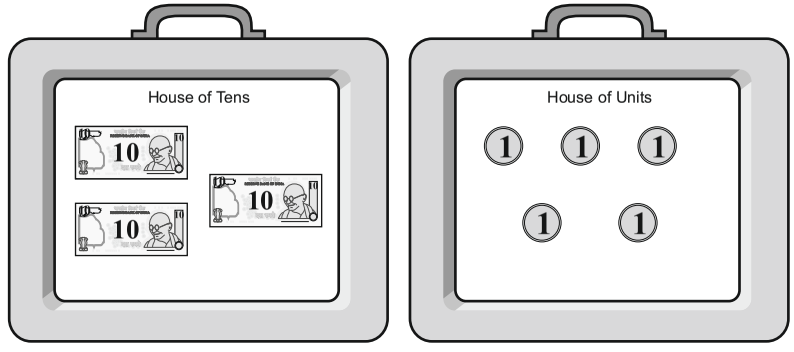




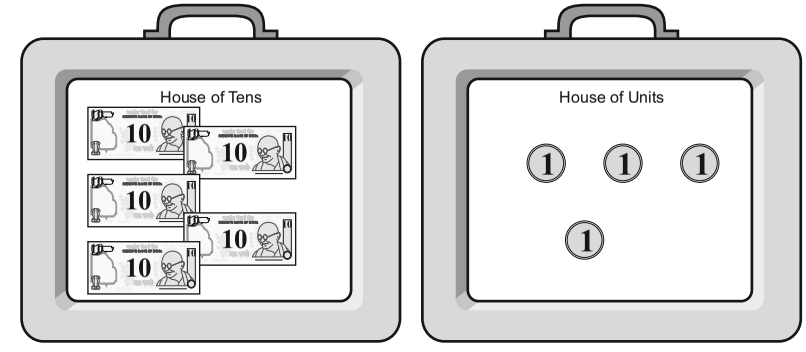




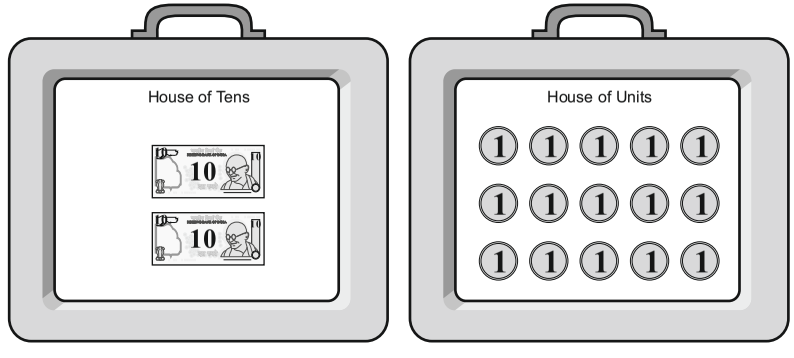
Convert one ten into units and write the number for each form.



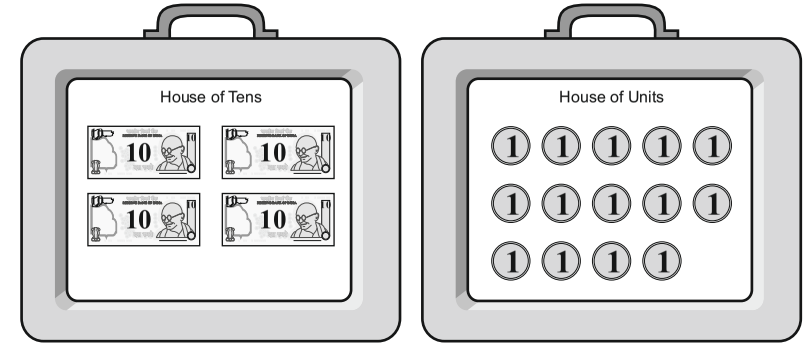
Tens	Units
3	5



Tens	Units

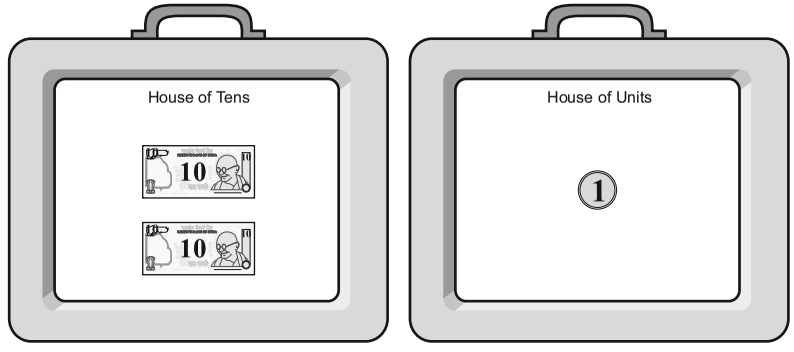


Tens	Units
2	15

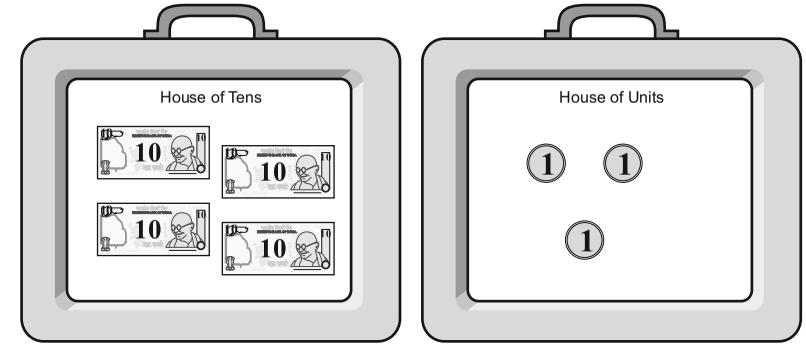


Tens	Units

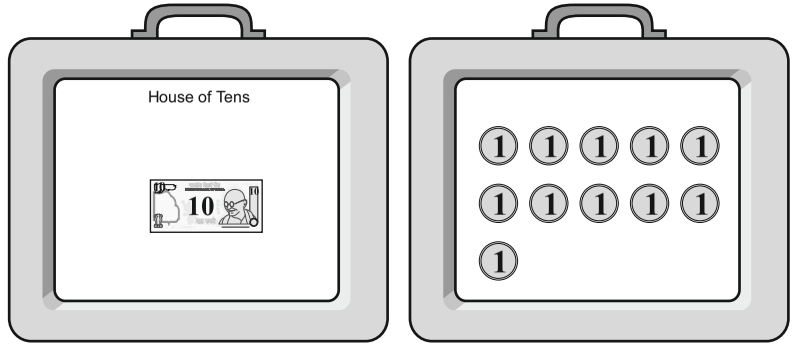
Convert one ten into units and write the number for each form.



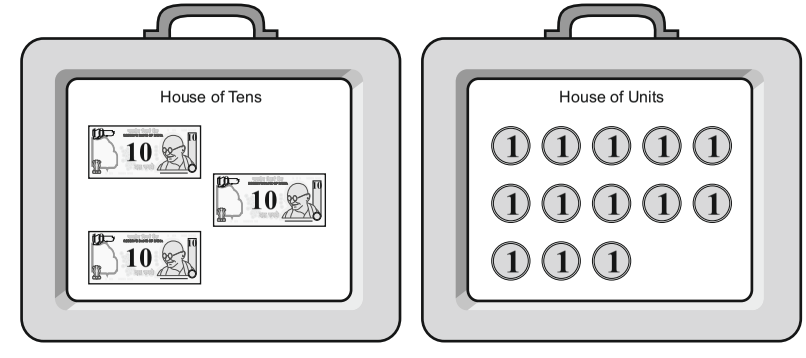
Tens	Units



Tens	Units



Tens	Units



Tens	Units

Convert one ten into units and write the number for each form.

Tens	Units
2	3

2 Tens 3 Units →

Tens	Units
1	13
~~2~~	~~3~~

1 Tens 13 Units

Tens	Units
3	5

3 Tens 5 Units →

Tens	Units
2	15
~~3~~	~~5~~

2 Tens 15 Units

Tens	Units
3	6

→

Tens	Units
3	6

Tens	Units
3	3

→

Tens	Units
3	3

Tens	Units
8	0

→

Tens	Units
8	0

Convert one ten into units and write the number for each form.

Tens	Units
3	0

Tens	Units
3	0

Tens	Units
4	4

Tens	Units
4	4

Tens	Units
2	1

Tens	Units
2	1

Tens	Units
1	7

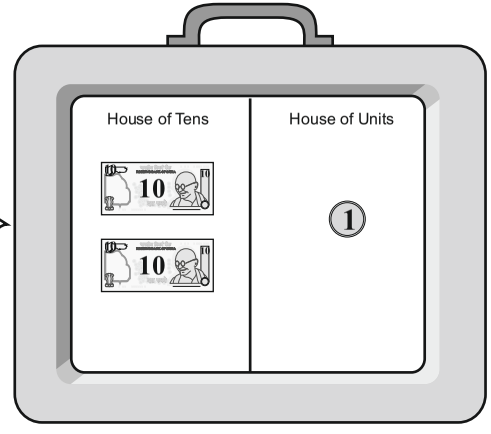
Tens	Units
1	7

Tens	Units
6	3

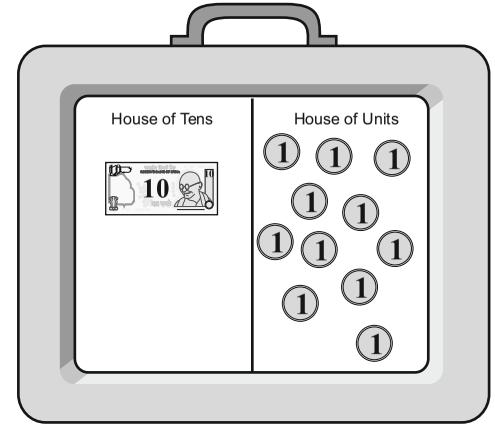
Tens	Units
6	3

Make each number in three different forms and write the numerals for each form.

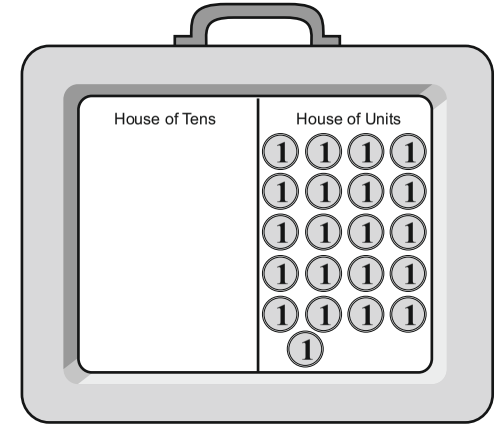
21



Tens	Units

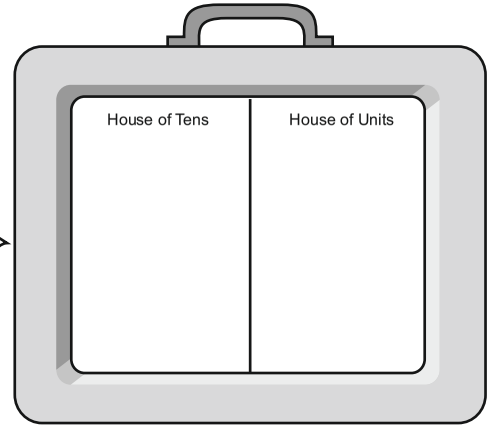


Tens	Units

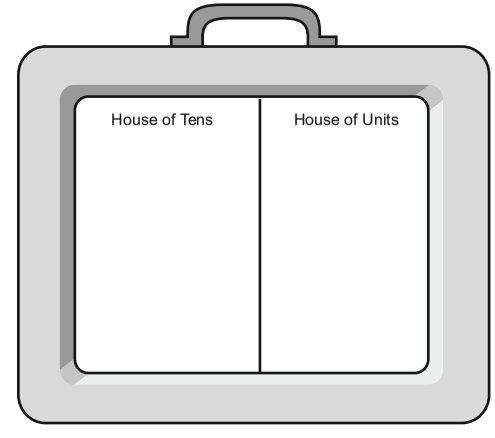


Tens	Units

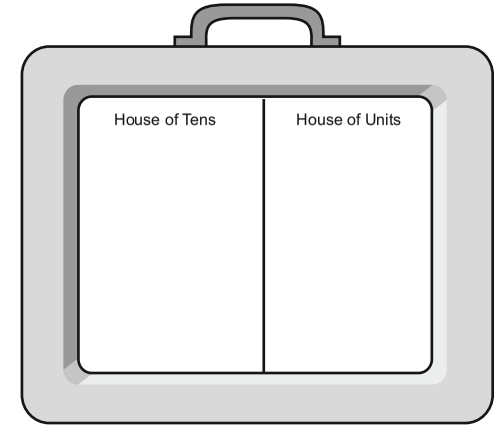
30



Tens	Units



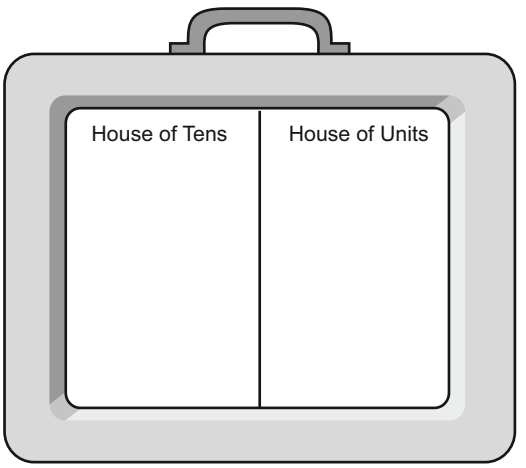
Tens	Units



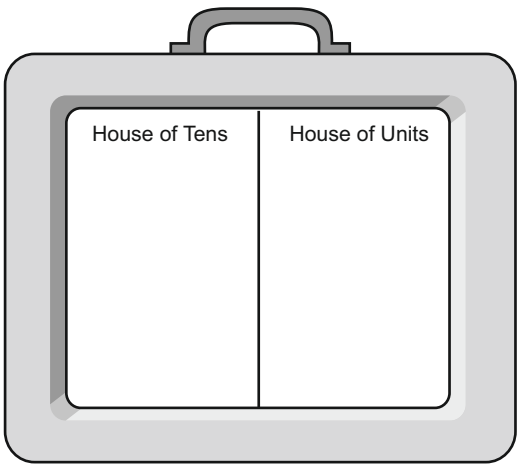
Tens	Units

Draw the number in four different forms and write the numeral for each form.

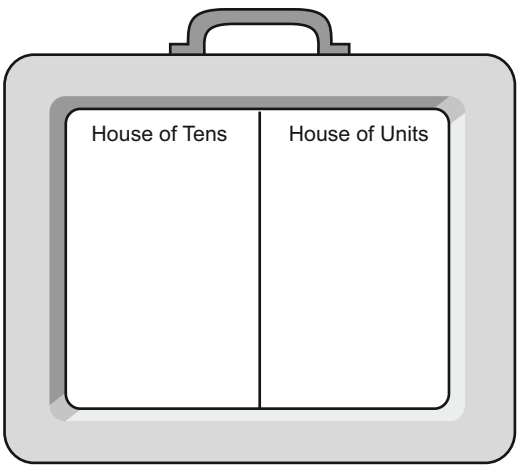
34



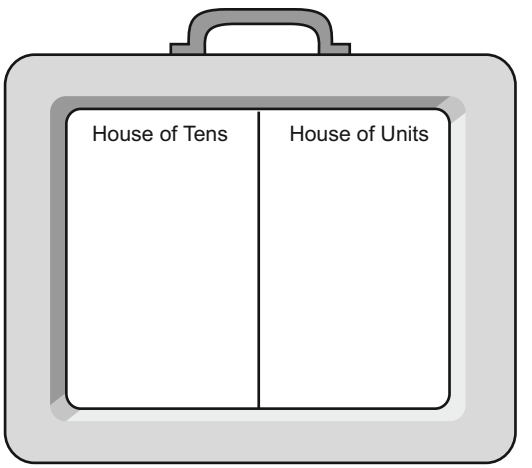
Tens	Units



Tens	Units



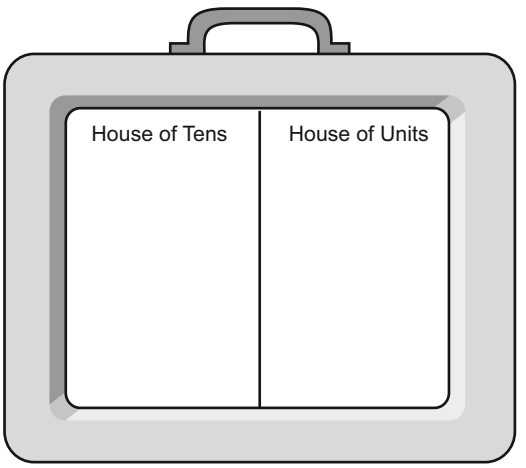
Tens	Units



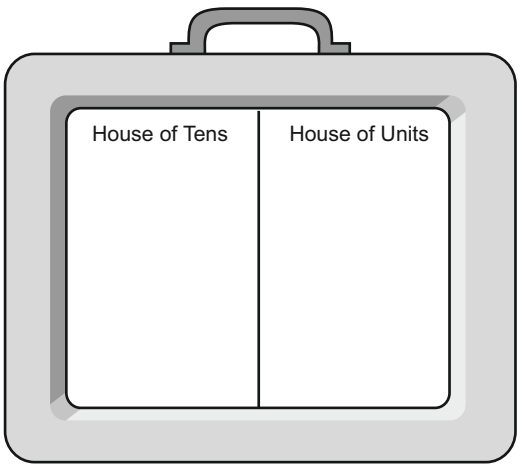
Tens	Units

Draw the number in four different forms and write the numeral for each form.

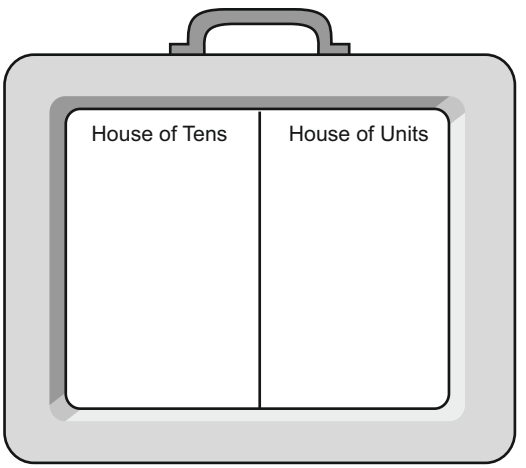
45



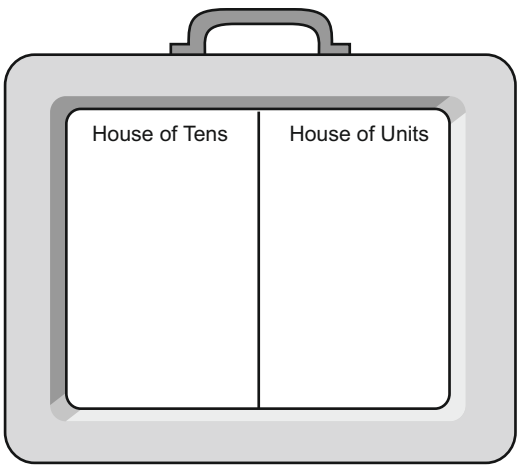
Tens	Units



Tens	Units



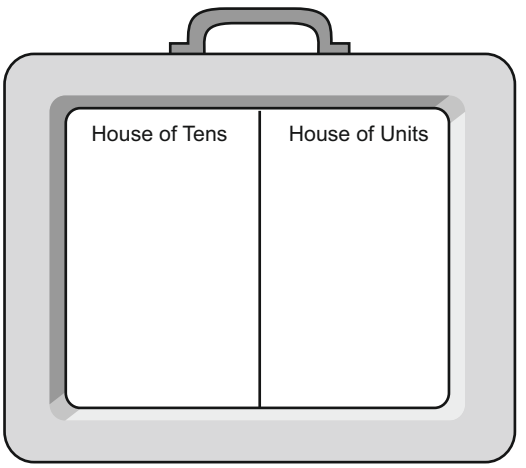
Tens	Units



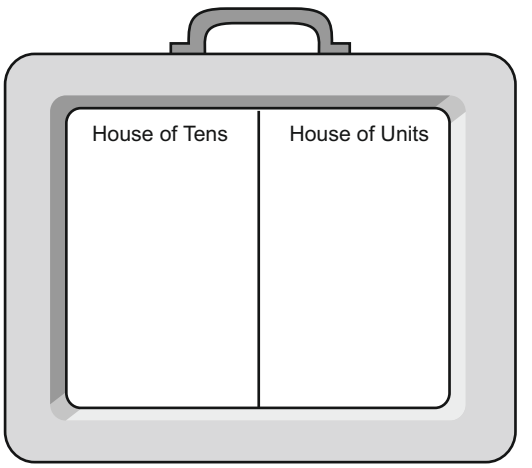
Tens	Units

Draw the number in four different forms and write the numeral for each form.

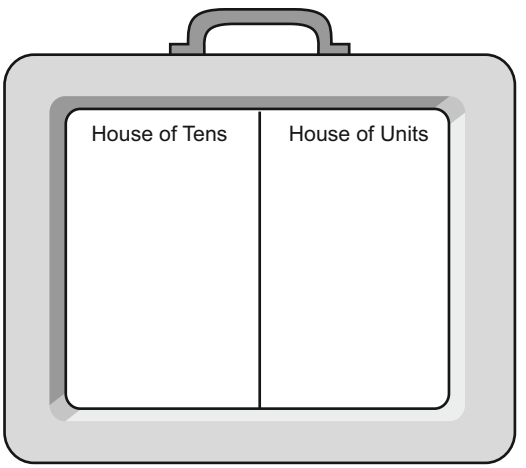
52



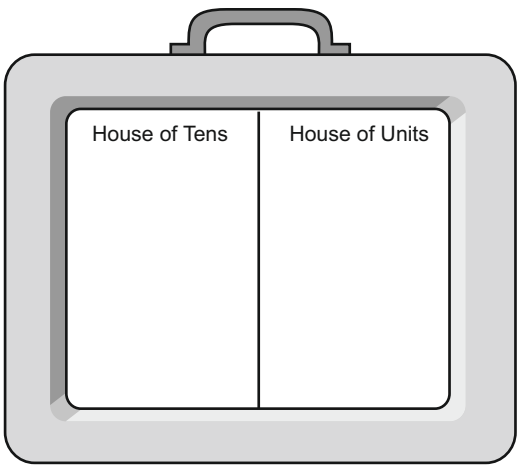
Tens	Units



Tens	Units



Tens	Units



Tens	Units

Tens	Units
3	15
~~4~~	~~5~~
− 2	8
1	7

Tens	Units
6	2
− 1	9

Tens	Units
4	0
− 1	8

Tens	Units
3	0
−	9

Tens	Units
5	7
− 2	8

Tens	Units
6	3
− 3	6

Tens	Units
7	7
− 3	2

Tens	Units
4	4
− 1	8

Tens	Units
5	0
− 3	1

Tens	Units
2	5
− 1	5

Tens	Units
9	2
− 8	9

Tens	Units
5	2
−	8

1) There are 42 students in Chanda's class. 26 are girls.
How many of the students are boys?

	Tens	Units
	3	12
−	~~4~~ 2	~~2~~ 6
	1	6

2) Sakharam purchased jaggery worth 17 rupees. He gave the shopkeeper 50 rupees.
How much change did he recieve?

Tens	Units

3) There were 31 parrots on a tree.
14 flew away. How many remained?

Tens	Units

4) There were 70 bags of wheat in the shop. 38 bags were sold.
How many remained?

Tens	Units

Do the subtraction. Write an example from real life in words.

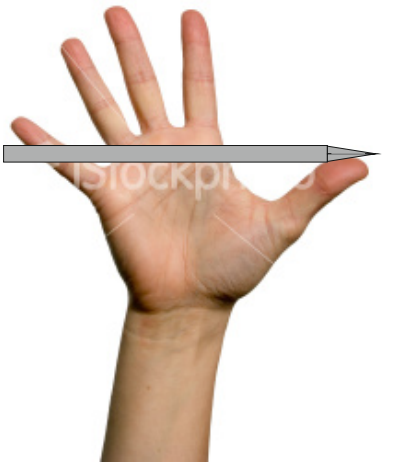
	Tens	Units
	3	4
−	1	6

	Tens	Units
	5	6
−	3	8

	Tens	Units
	8	6
−	4	7

	Tens	Units
	9	4
−	2	8

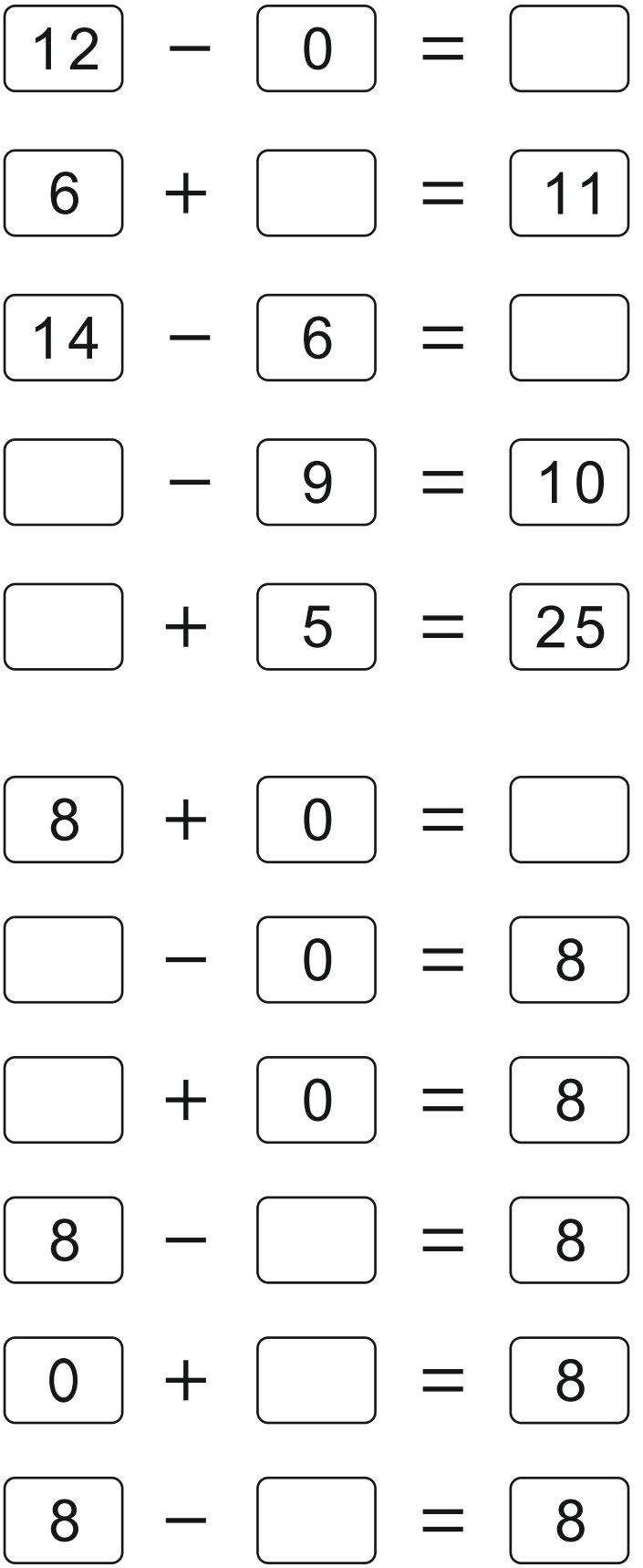
Sanju measured the pencil. It was about one span.



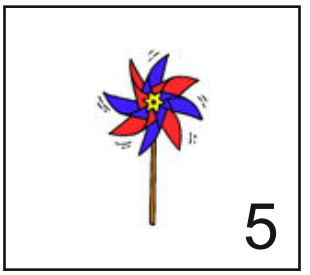
Measure the following objects with your span.

Objects	How many spans?
Slate	
Math Book	
Table	
Blackboard	
Scale	

Fill in the blank boxes.



The numbers of each toy is written next to the picture.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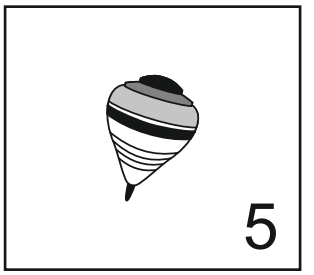
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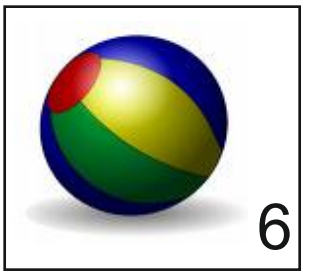
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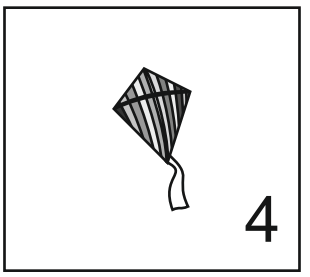
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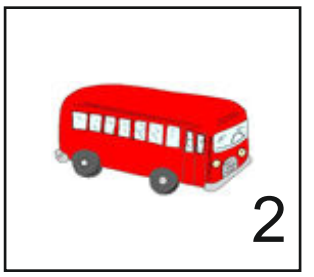
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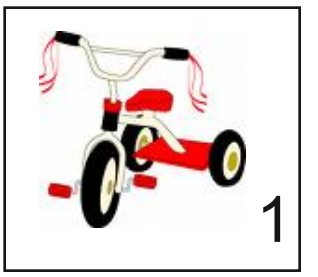
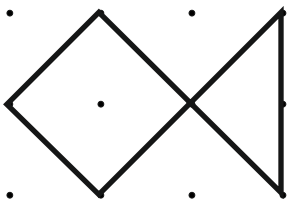

1

How many kites? ☐

Mark the square (with a ✓) which has only one item.

Join the squares with the same number of toys.

Draw objects in your classroom. Count them and write their numbers.

Below is an example of a picture completed by joining dots.
Draw more pictures.