

LESSON-11

SHAPES AND SPACE

Bigger and smaller

- 1) Hippopotamus > dog
Bigger smaller
- 2) Banana leaf > rose leaf
Bigger smaller
- 3) Squirrel < cow
smaller Bigger
- 4) tricycle tyre < bicycle tyre
smaller Bigger

Biggest

Smallest

1) Tree



Smallest

Biggest

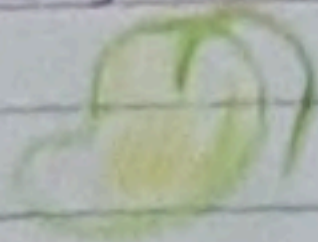
2)



Smallest

Biggest

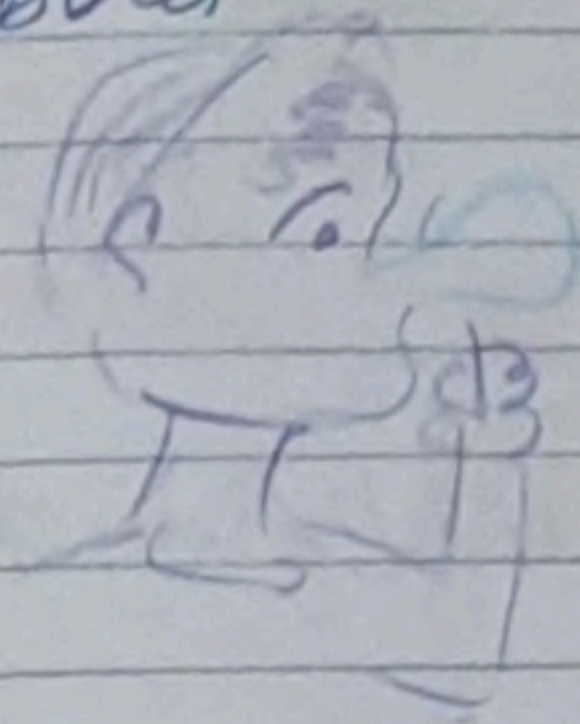
3) fruits:



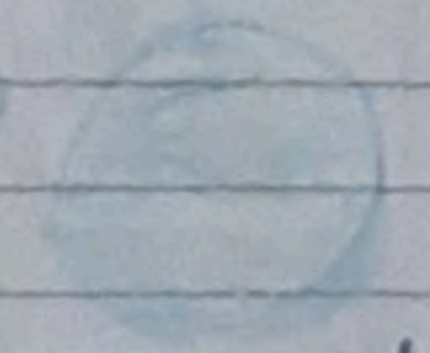
Smallest

Biggest

4) Bubbles



Smallest



Biggest

Top - Bottom

Above ground

ground



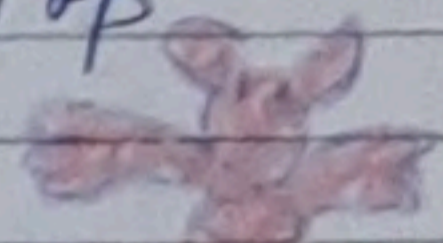
Bottom

Tick the animal at bottom

Bottom

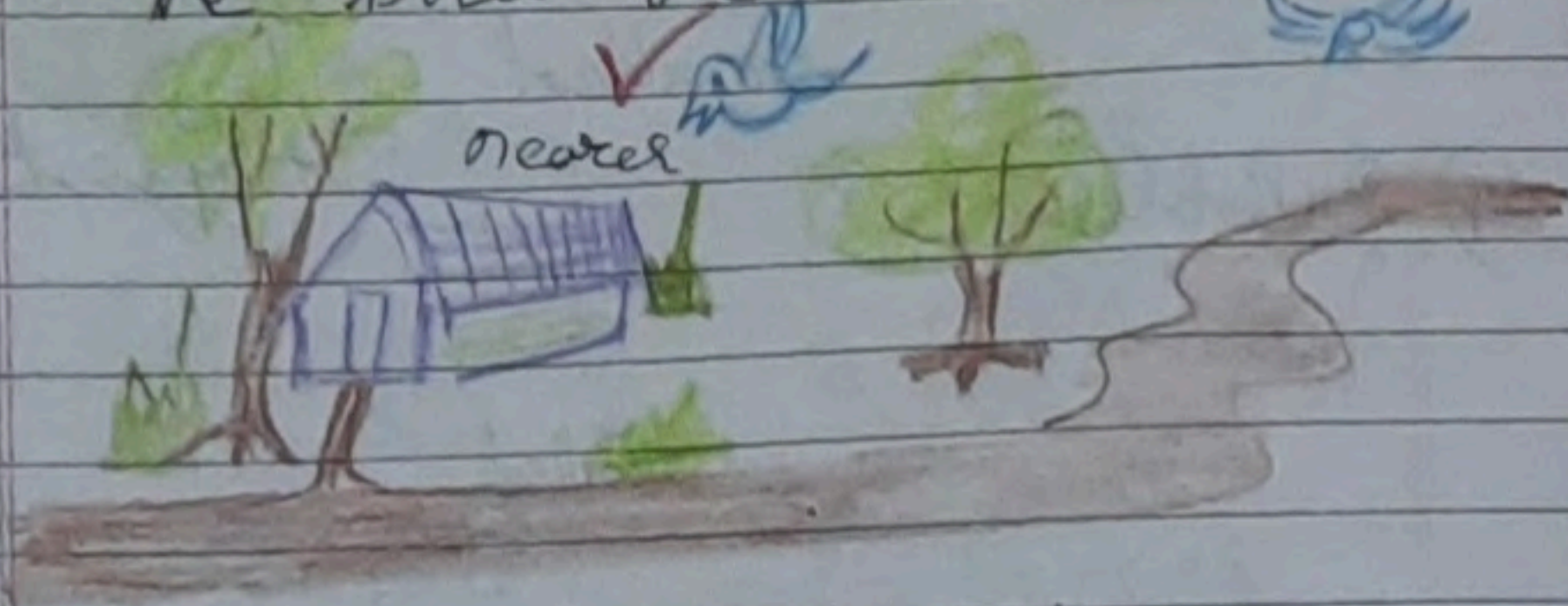


Top

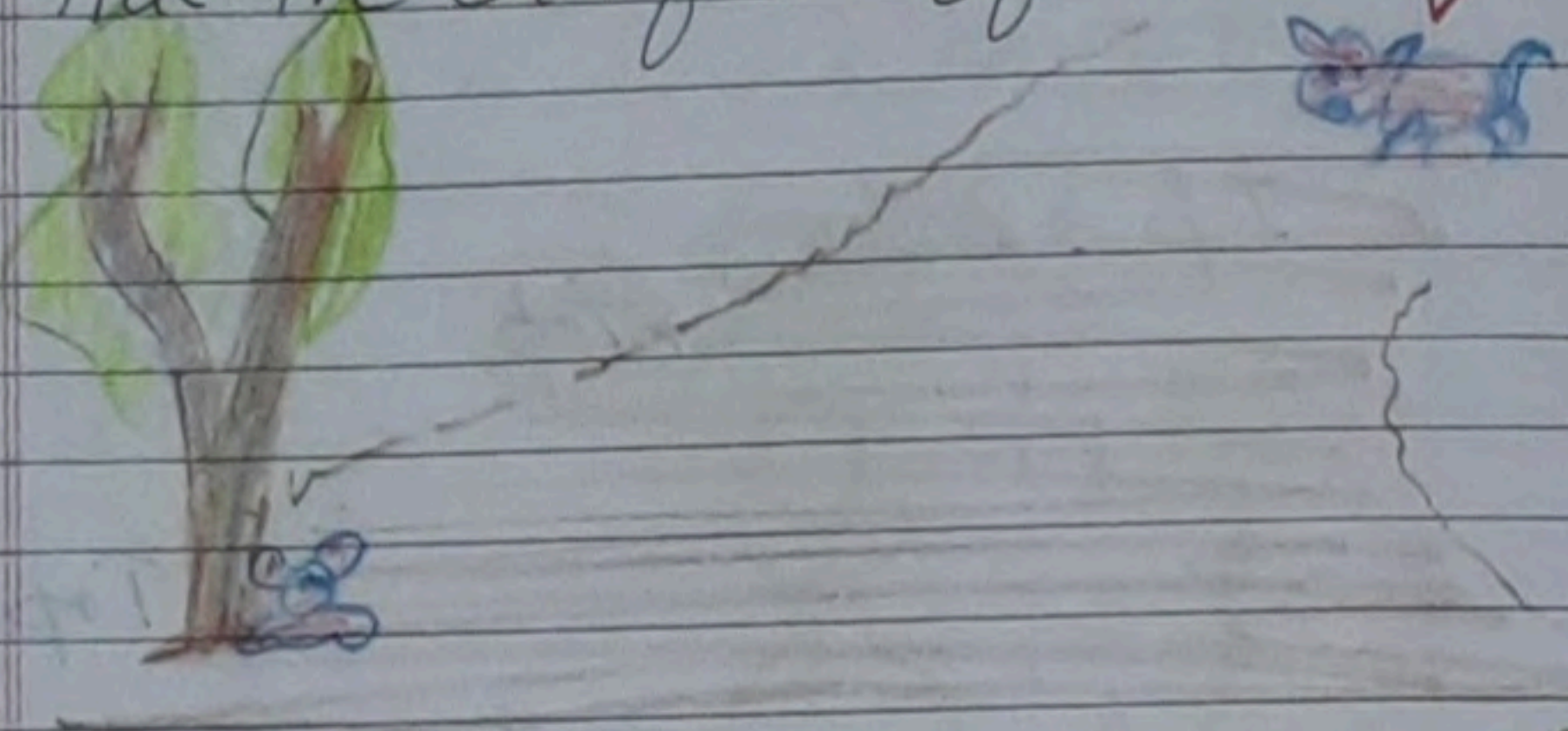


Nearer - Farther

✓ the bird nearer to home

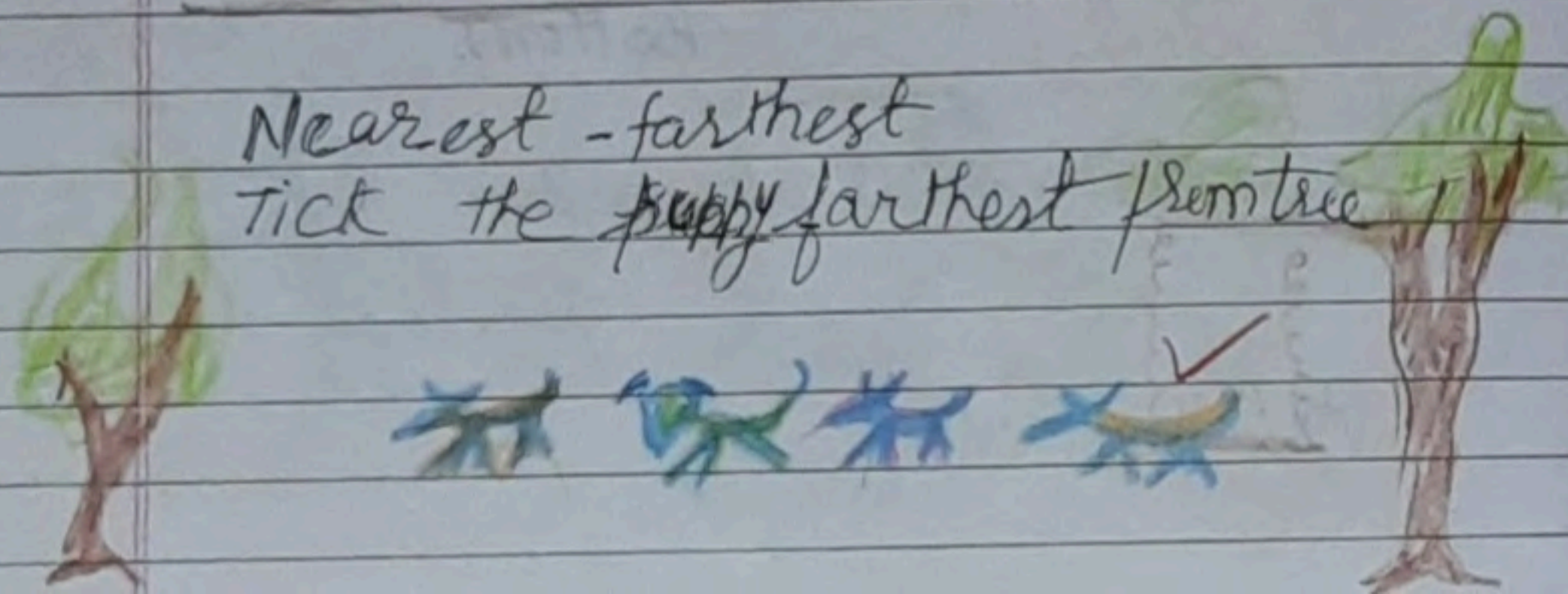


Tick the cat farthest from tree ✓

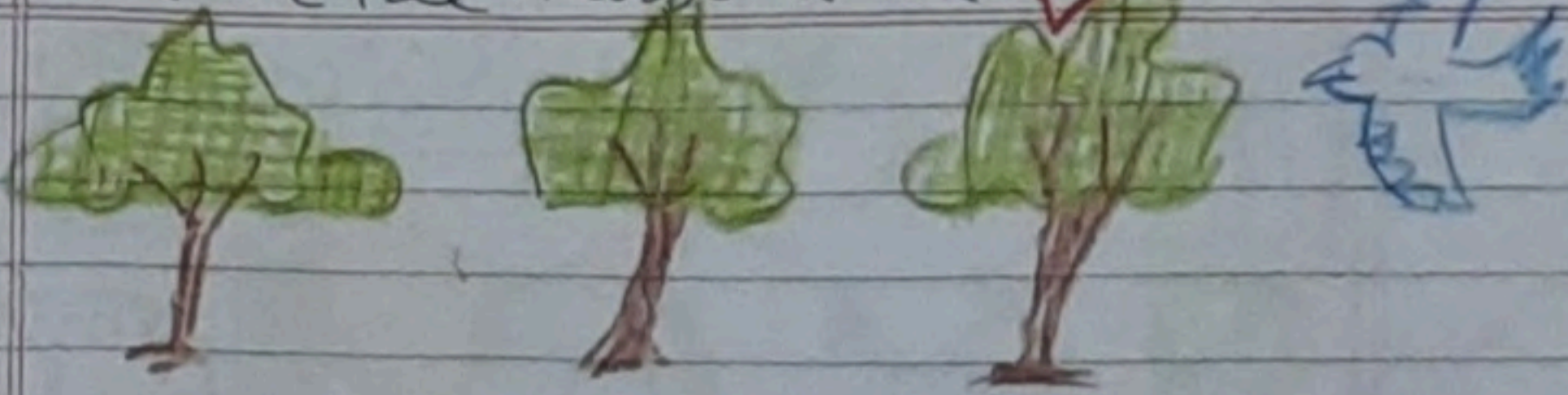


Nearest - farthest

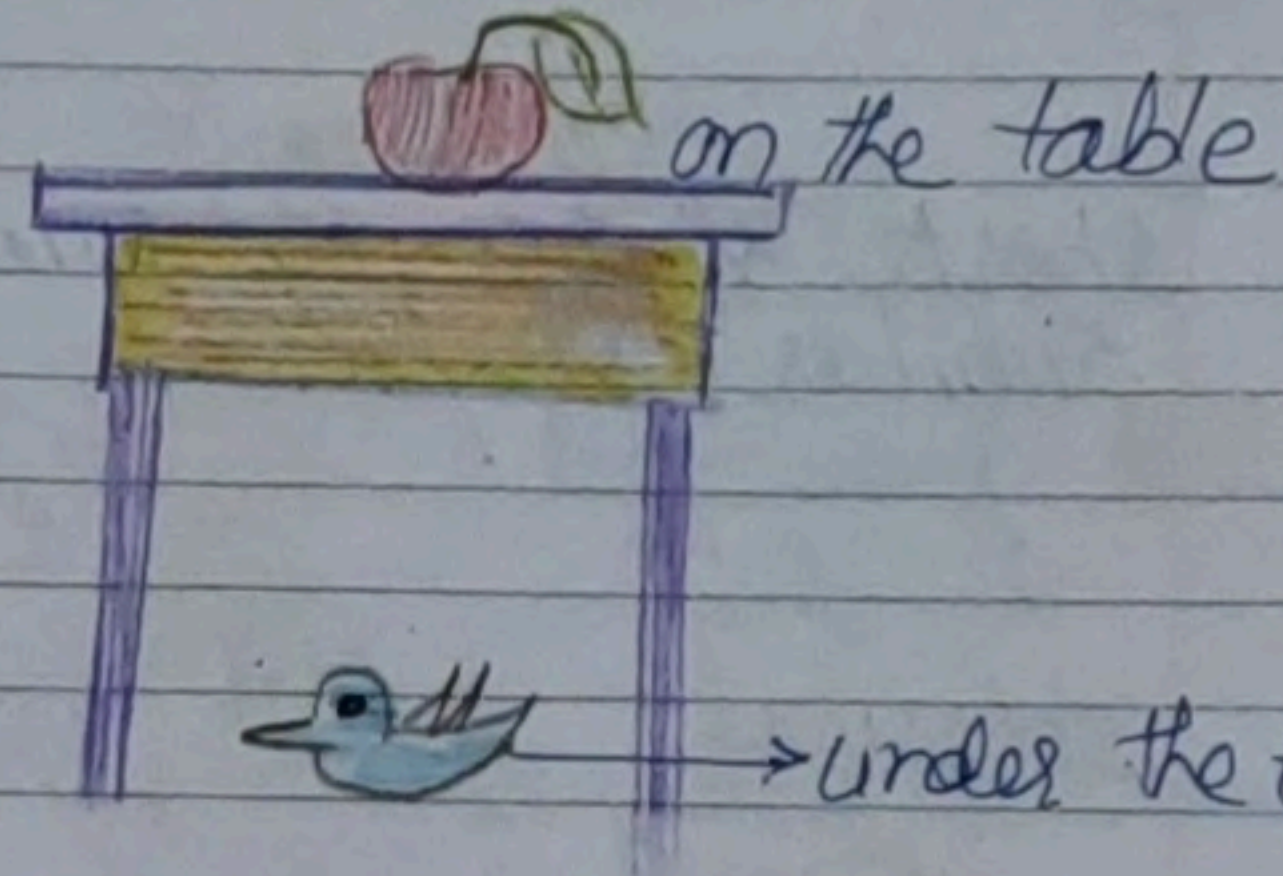
Tick the puppy farthest from tree



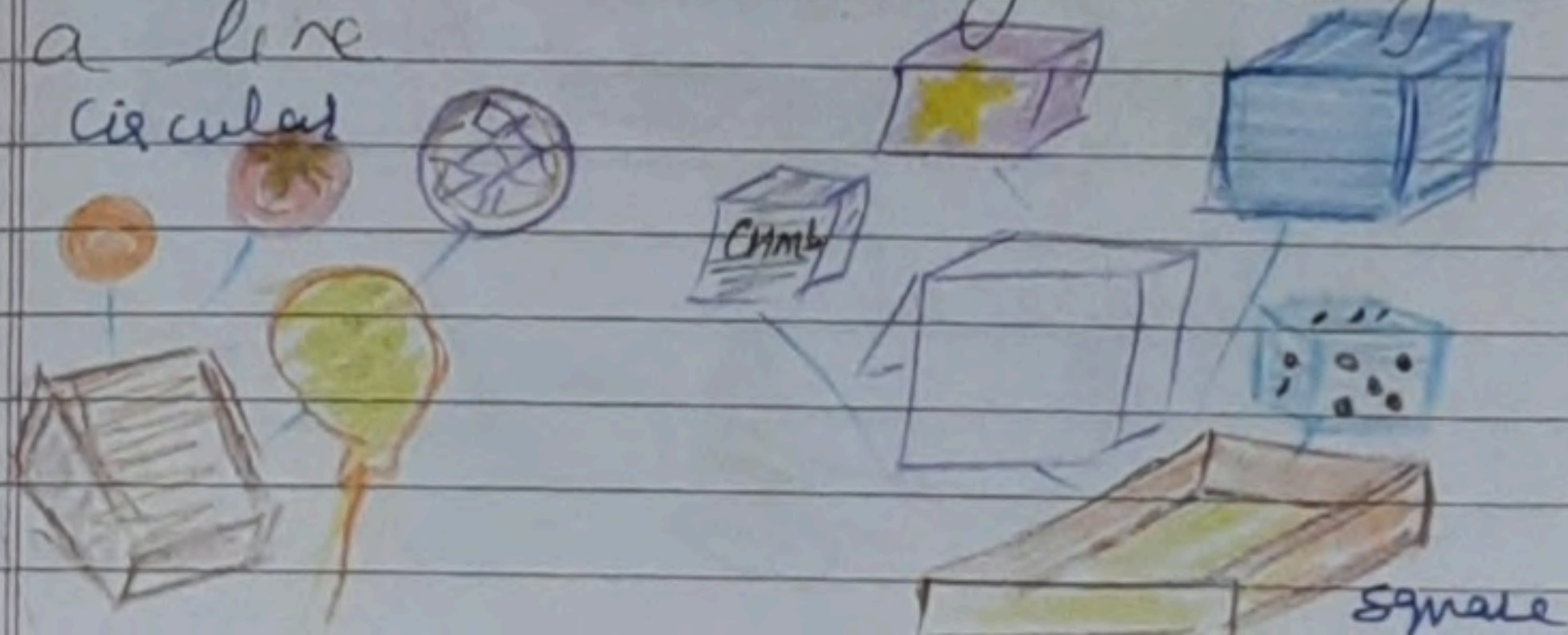
Tick the tree nearest to the bird ✓

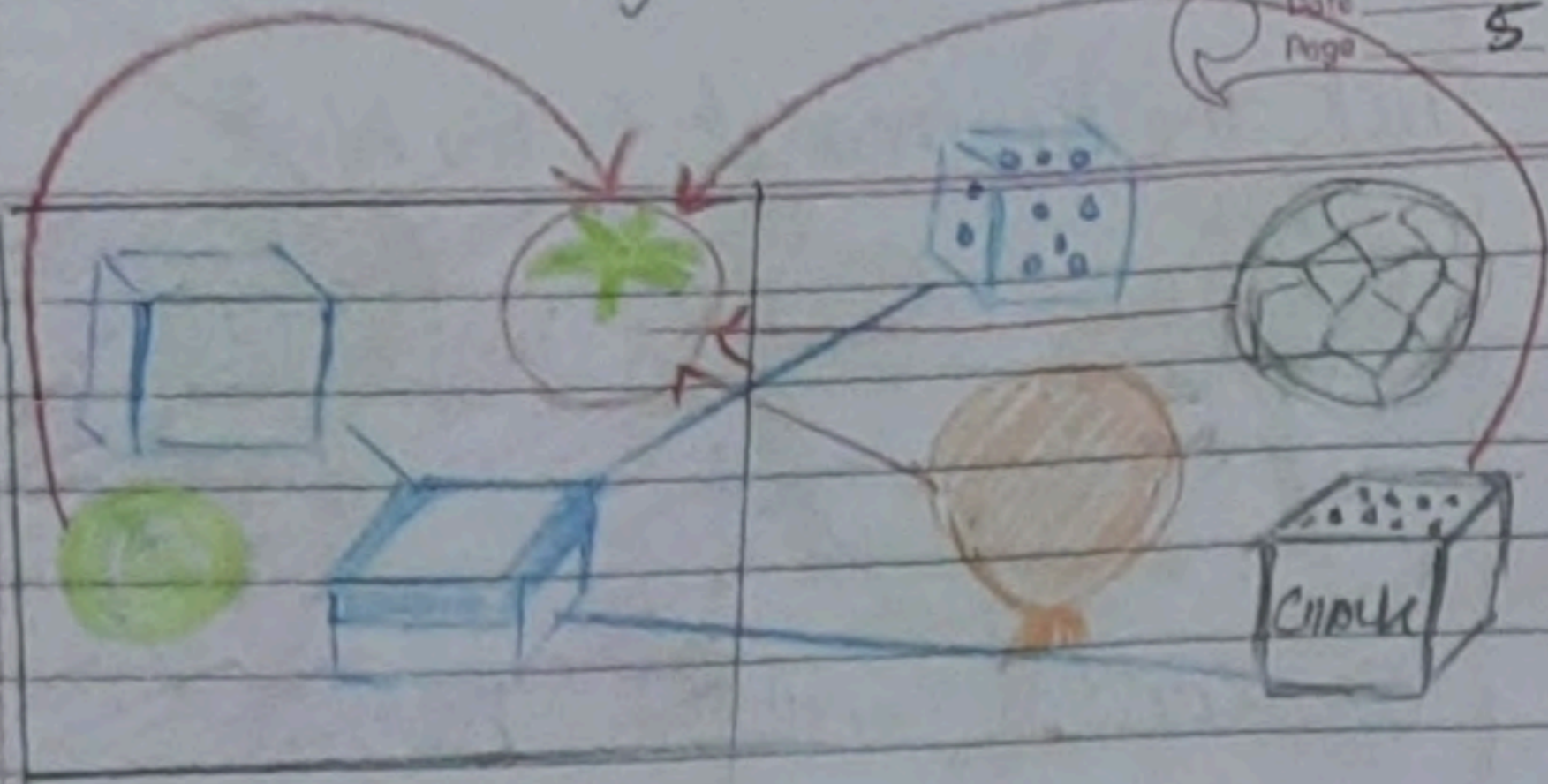


on - under above below



Shapes around us
Put the shapes in the pink
and yellow boxes by drawing
a line

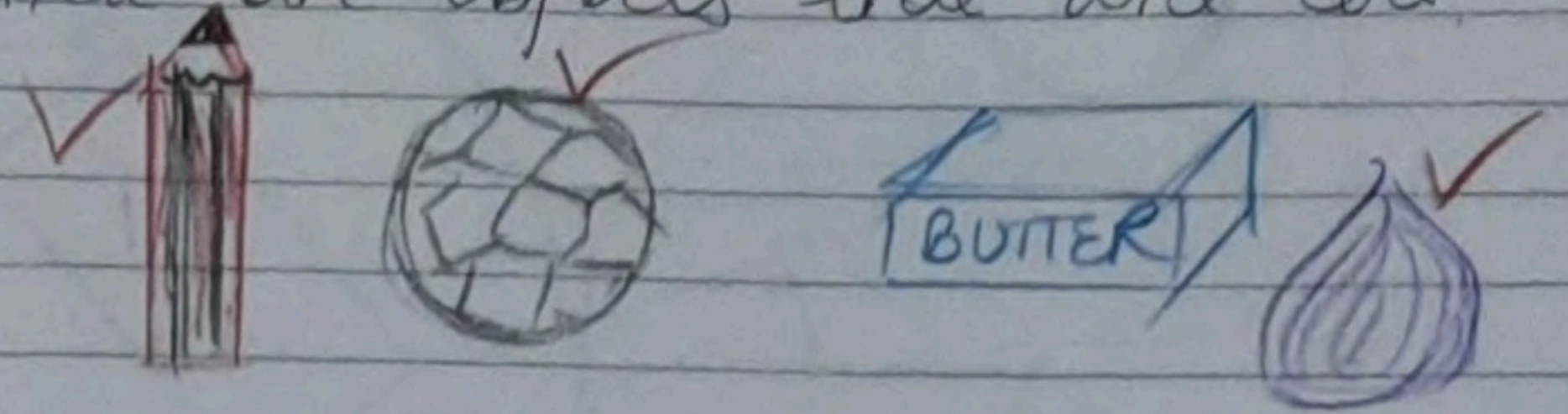




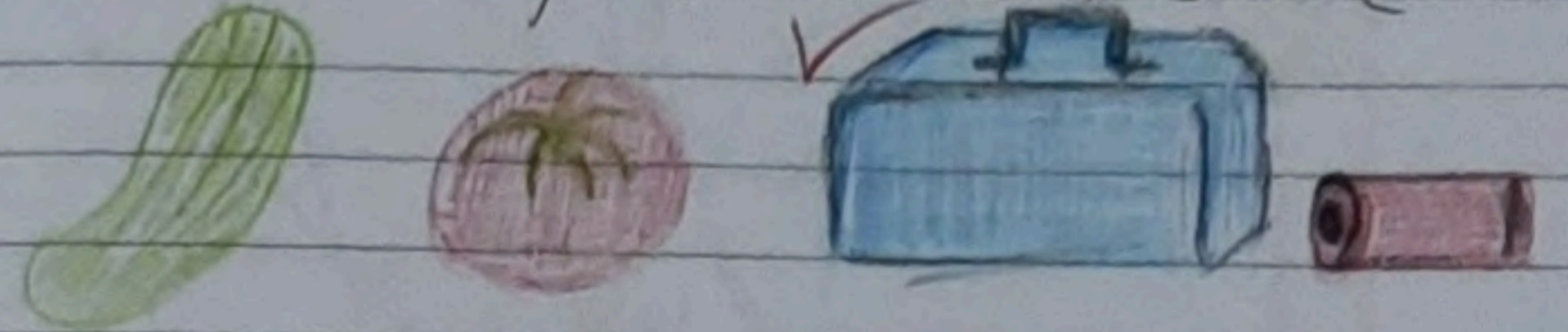
Sorting
Sort shapes by joining with similar shapes.



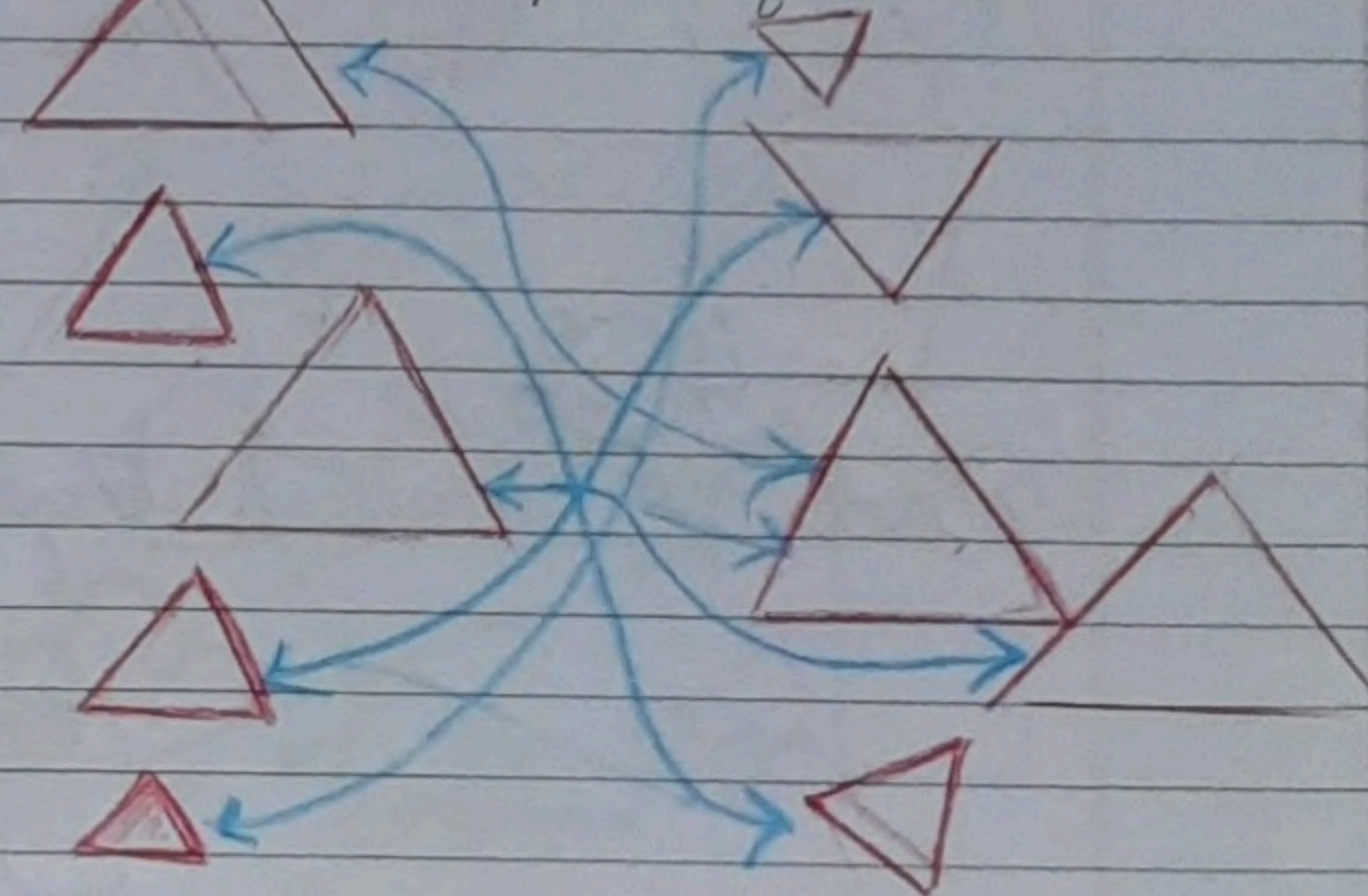
Rolling-sliding
Tick the objects that will roll



Tick the objects that will slide

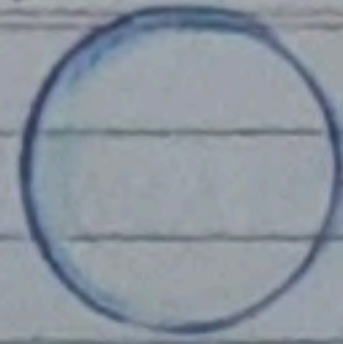


Match the shapes of same sizes

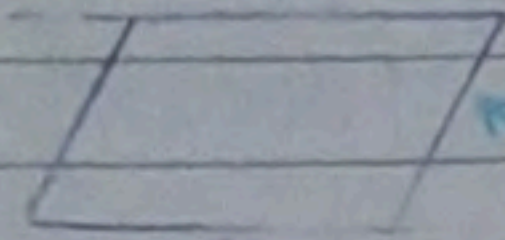


Match the same shapes

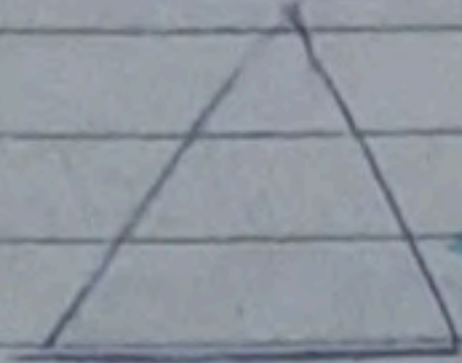
1



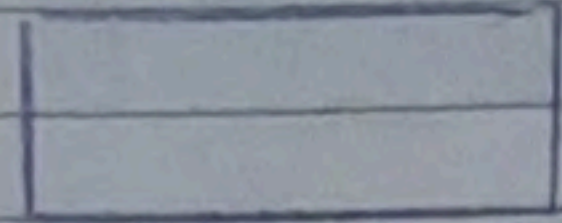
2



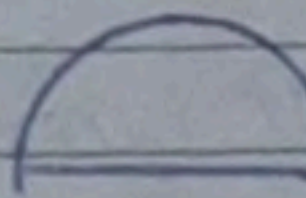
3



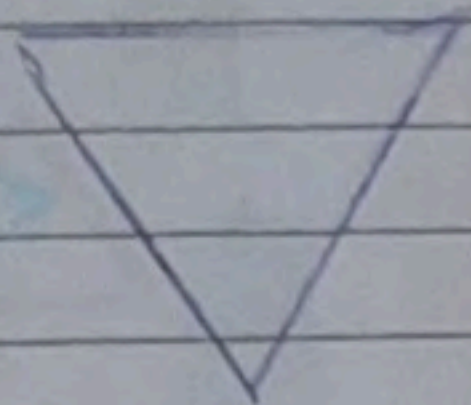
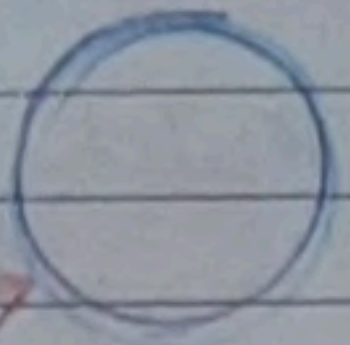
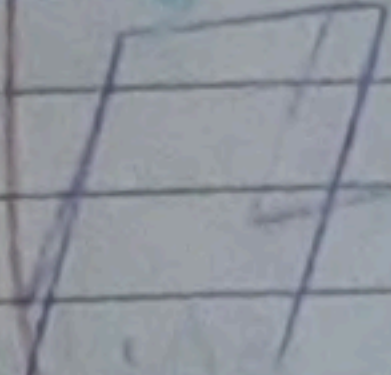
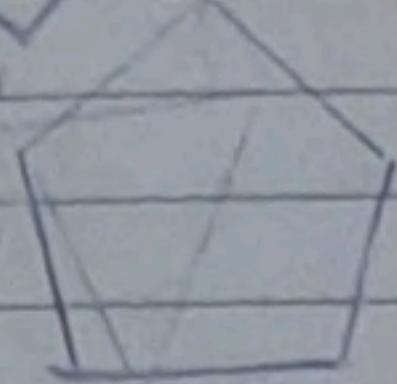
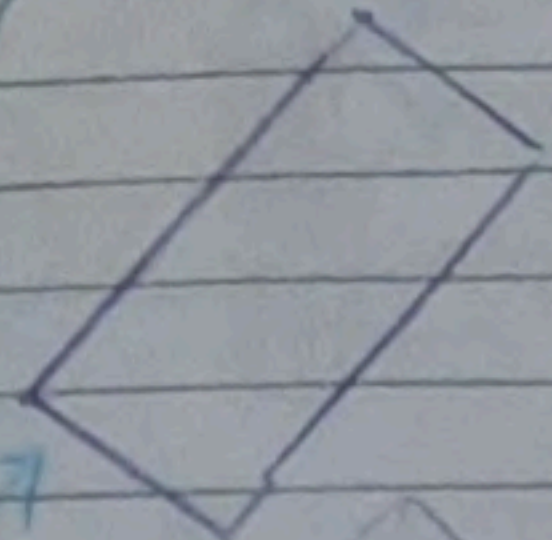
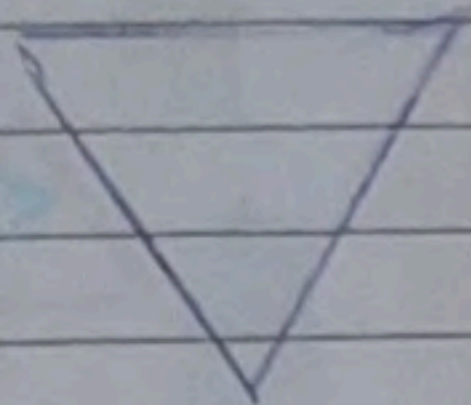
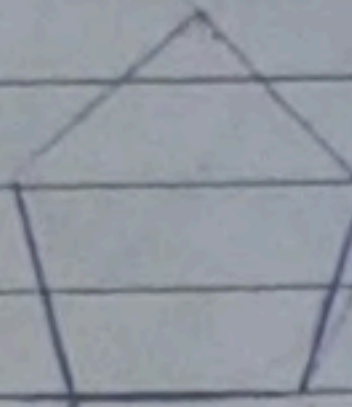
4



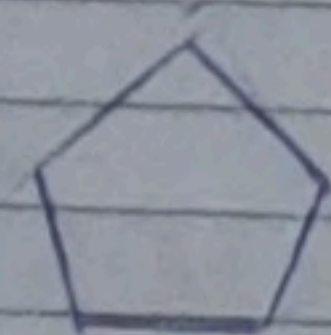
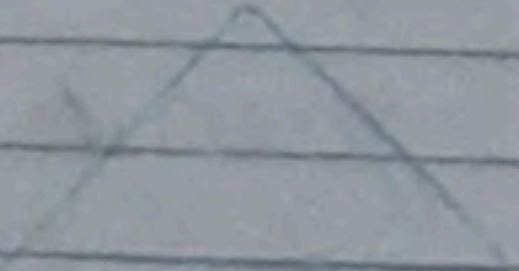
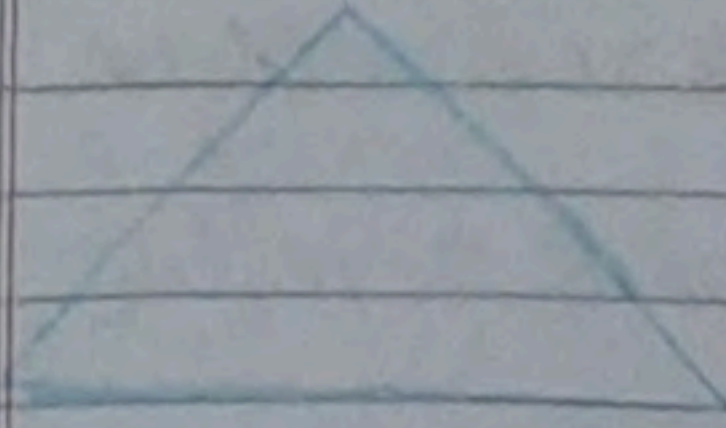
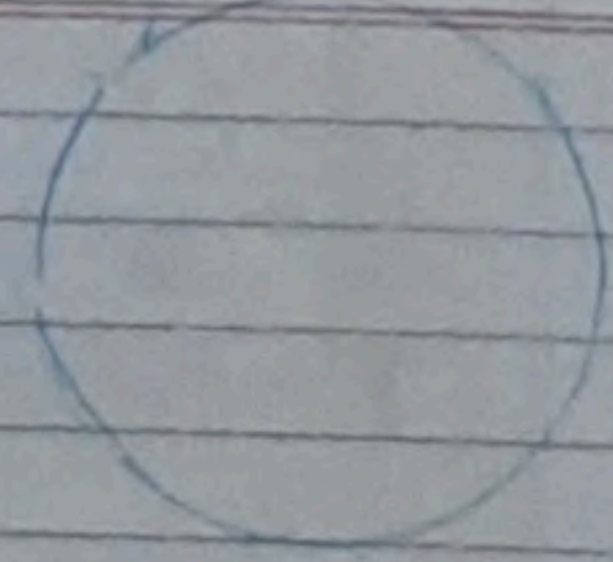
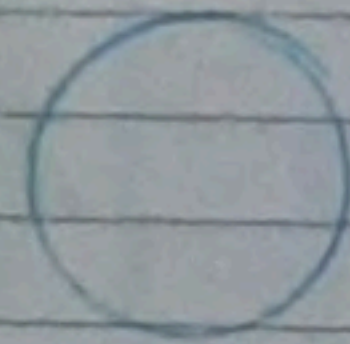
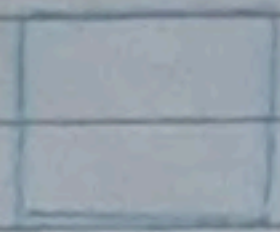
5



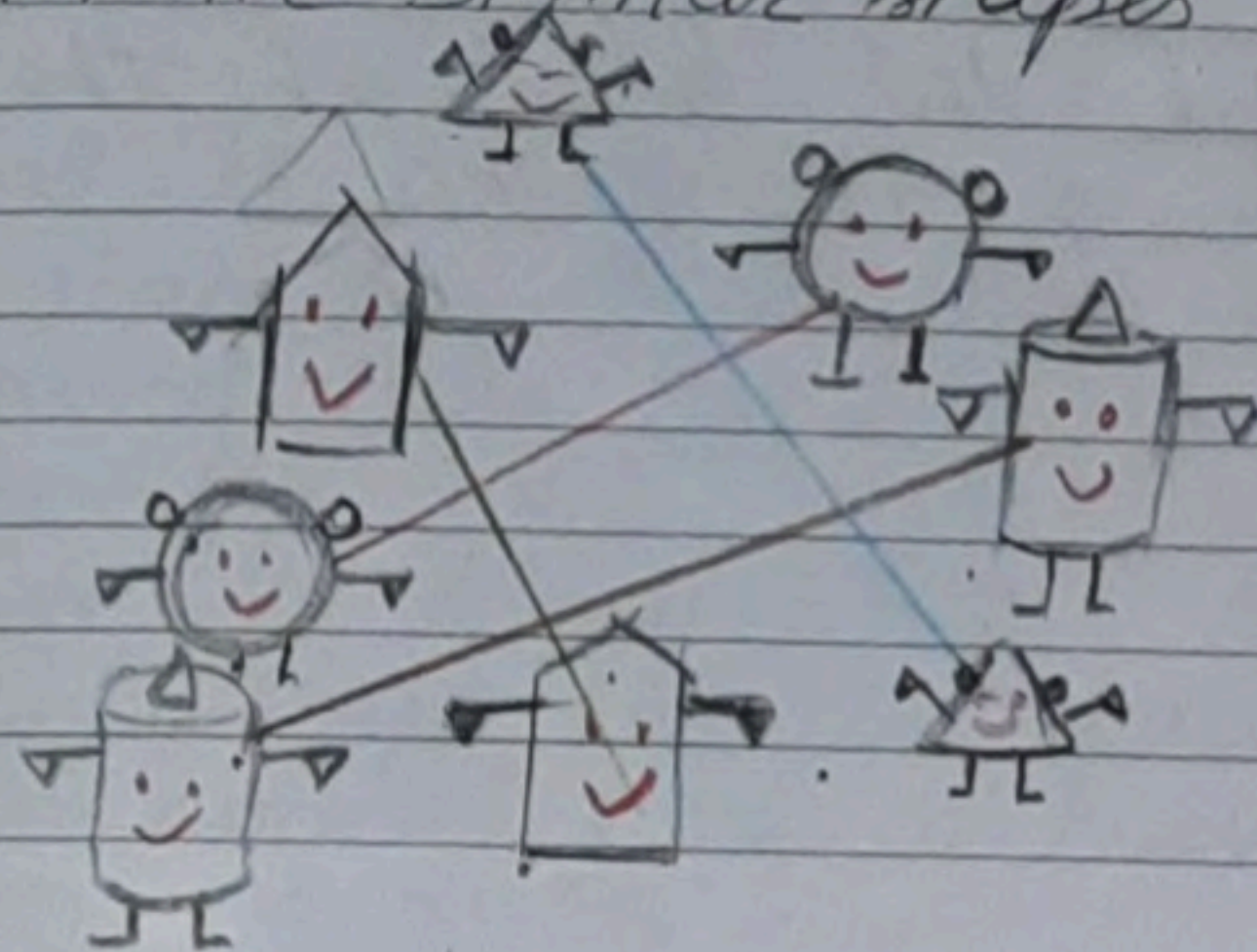
6

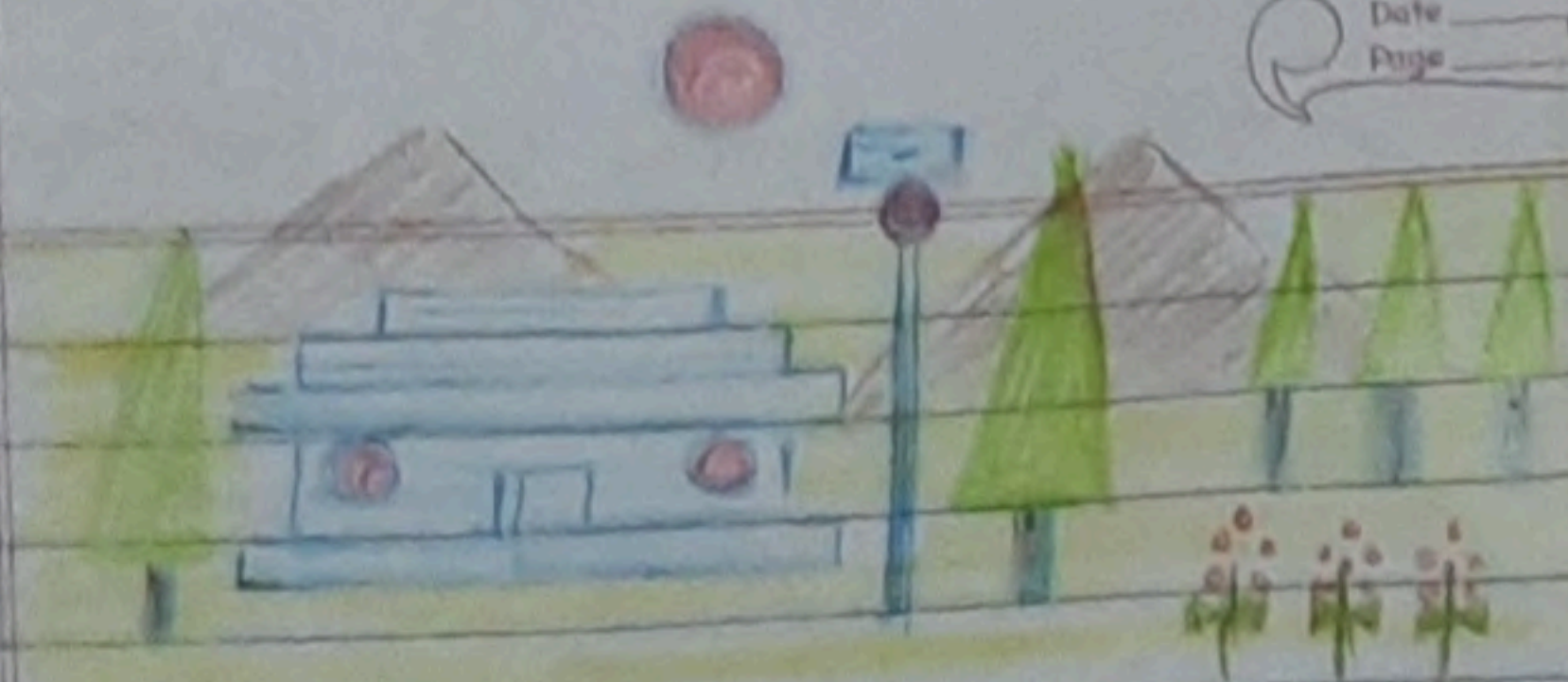





Colour the smallest shapes






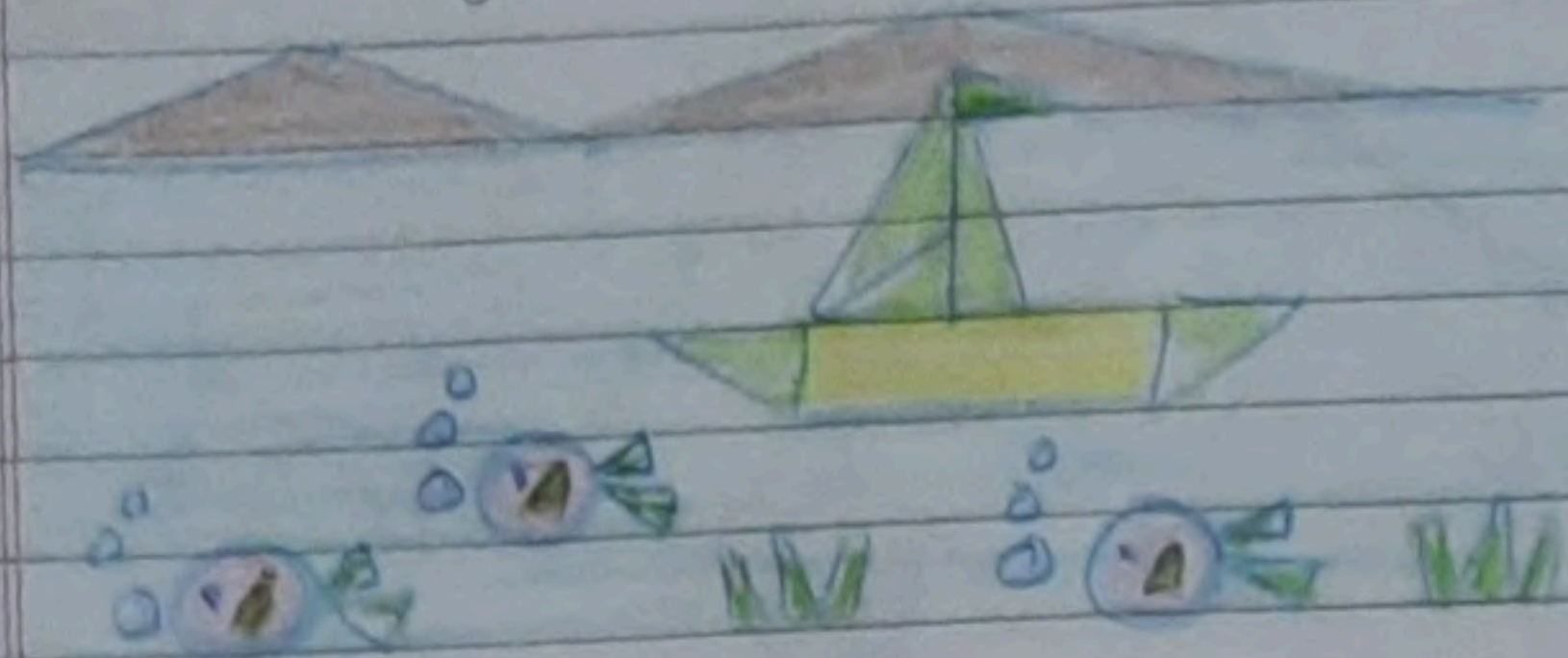
Join the similar shapes





colour  green  red  blue

colour  green  pink  yellow



Make similar figures using the shape kit given at the back of this book



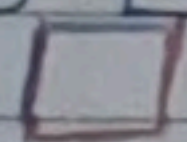
What is a circle?

circle is a round shape like a ring.



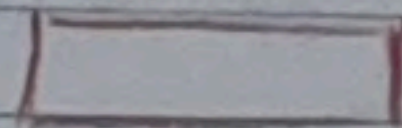
What is a square?

A shape that has four straight sides of the same length and four rt. angles (right angles \perp)



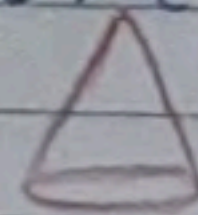
What is a rectangle?

A shape that has four straight sides with opposite sides of equal length.



What is a cone.

A shape or object that has a round base and a point at the top.



What is a cylinder?

A solid shape with two parallel circular bases connected by a curved surface. It has no vertex.


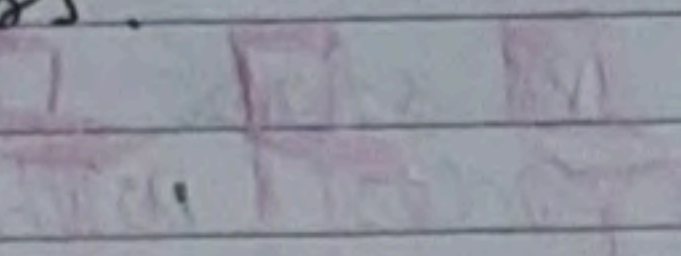


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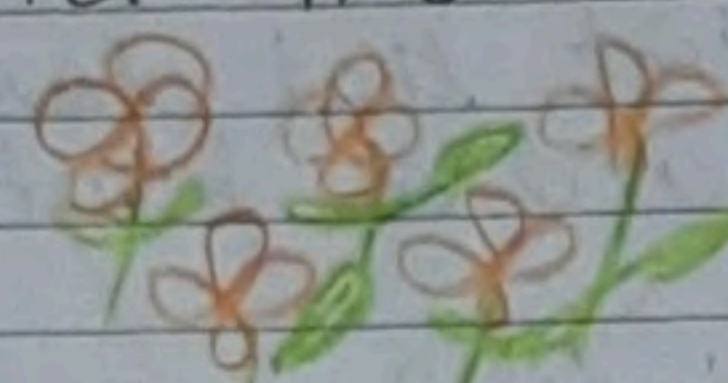
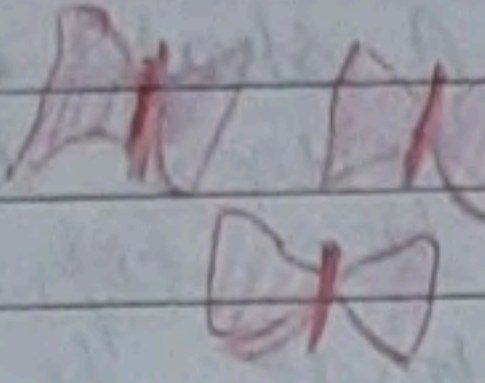
NUMBERS FROM ONE TO NINE
TO

one	1	1
two	2	1+1
three	3	1+1+1
four	4	1+1+1+1
five	5	1+1+1+1+1
six	6	1+1+1+1+1+1
seven	7	1+1+1+1+1+1+1
eight	8	1+1+1+1+1+1+1+1
nine	9	1+1+1+1+1+1+1+1+1
Ten.	10	1+1+1+1+1+1+1+1+1+1

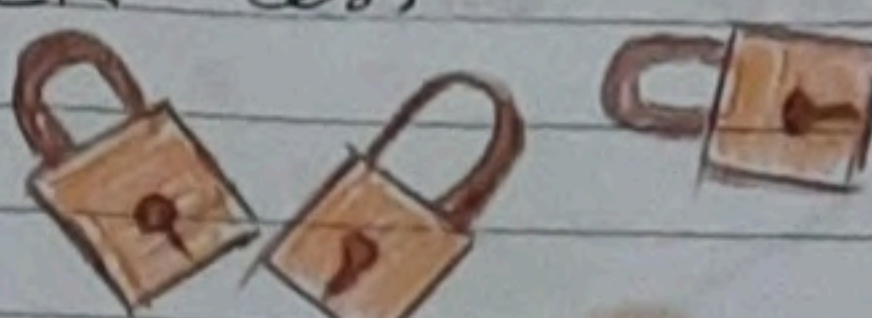
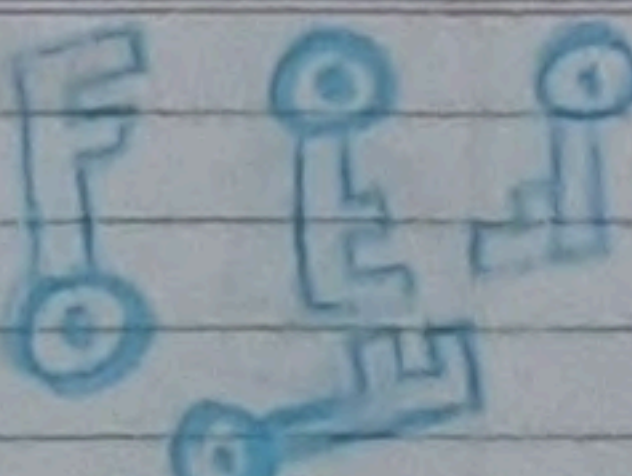
① More or less.



 5 More ✓ 4 less X

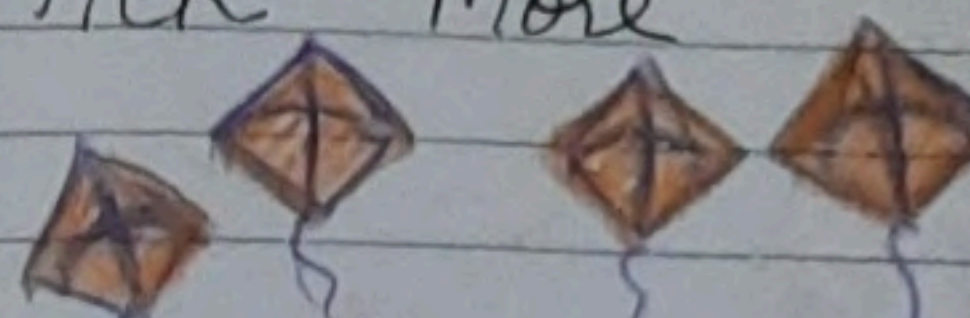
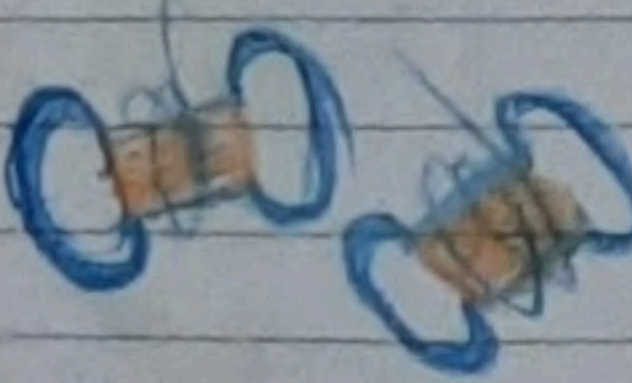
② Tick more



 5 more ✓ 3 less X

tick less



 3 less ✓ 4 more X

Tick more



 4 more ✓ 2 less X

Count and match.



Count and Match

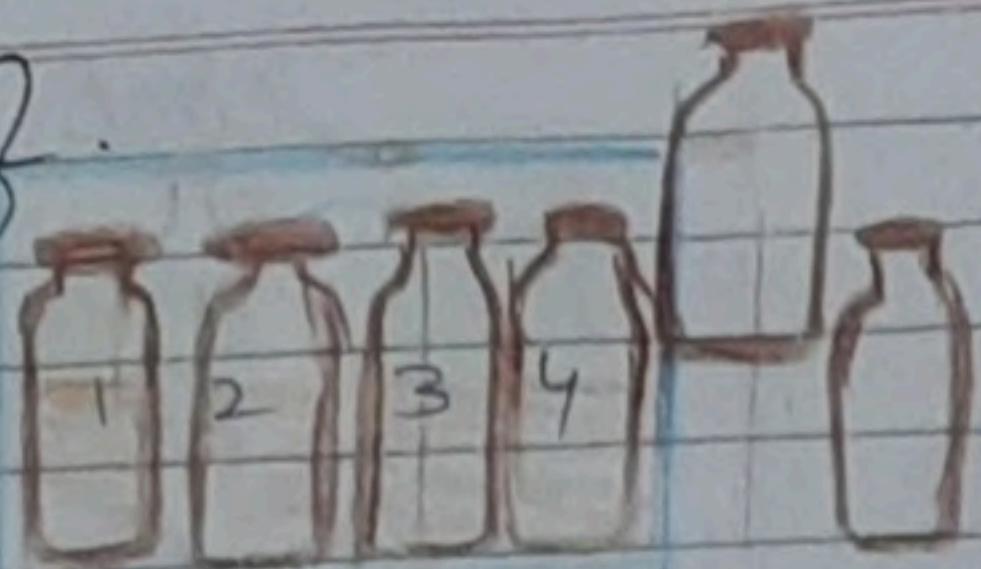
Arrows: 5
Lemons: 4
Pencils: 8
Flower: 1
Oranges: 5
Red dots (top): 5
Red dots (bottom): 5

Cont and match.

Green circles: 2
Numbered boxes: 1, 2, 3, 4, 5
Ladders: 1, 2, 3
Bottles: 1, 2, 3, 4
Elephant: 1
Numbered circles: 1, 2, 3, 4, 5

Make groups of.

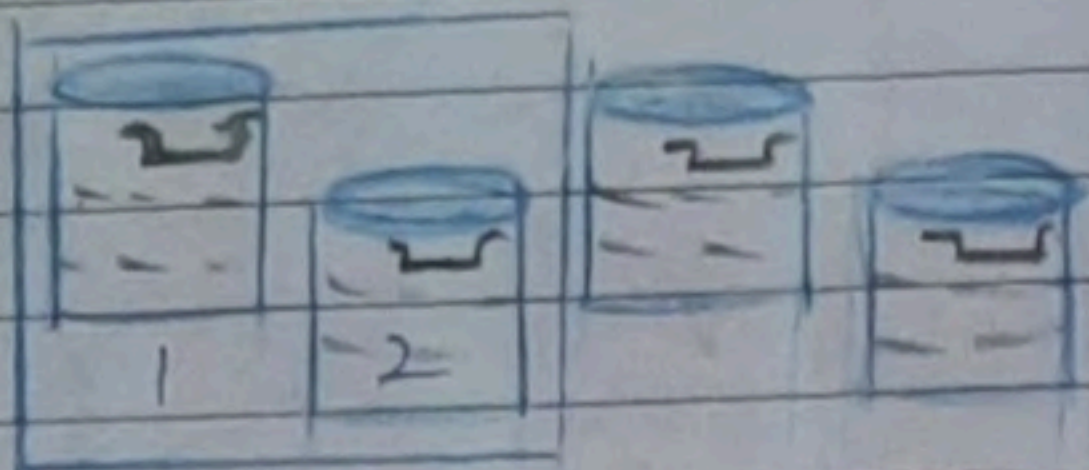
4 bottles



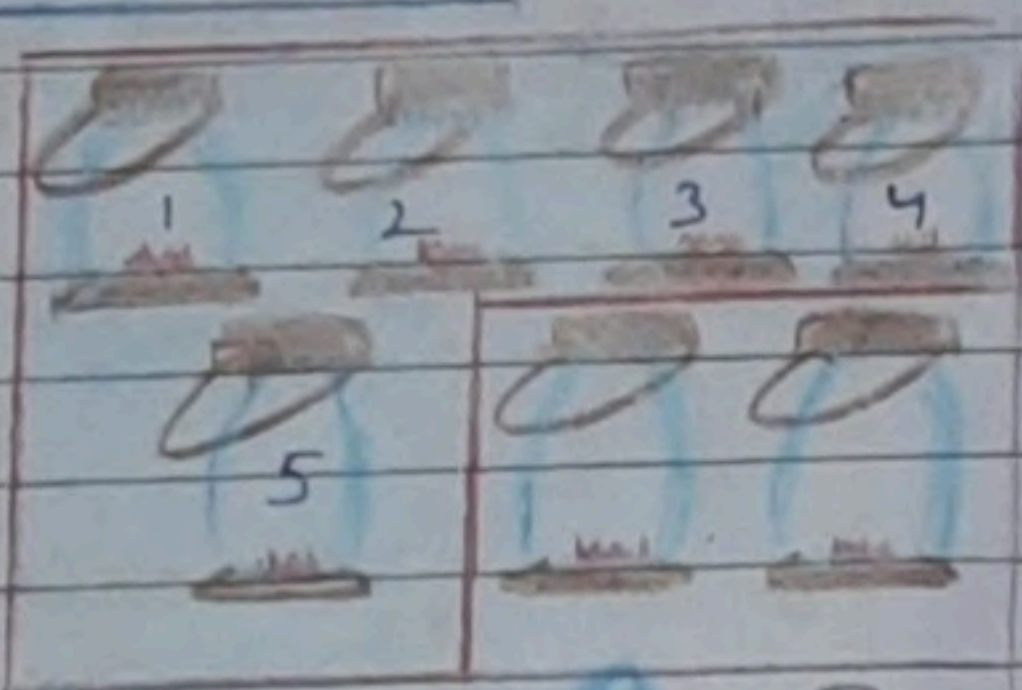
3 trees



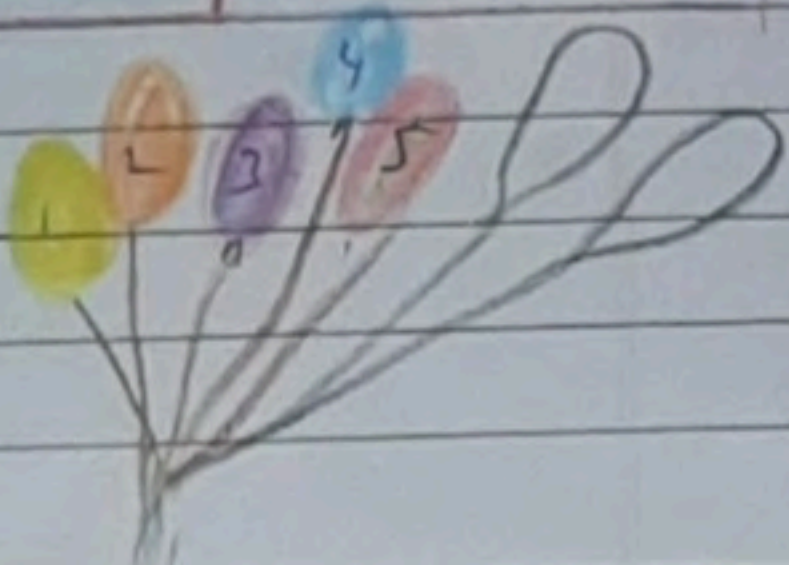
2 drums



5 lantern



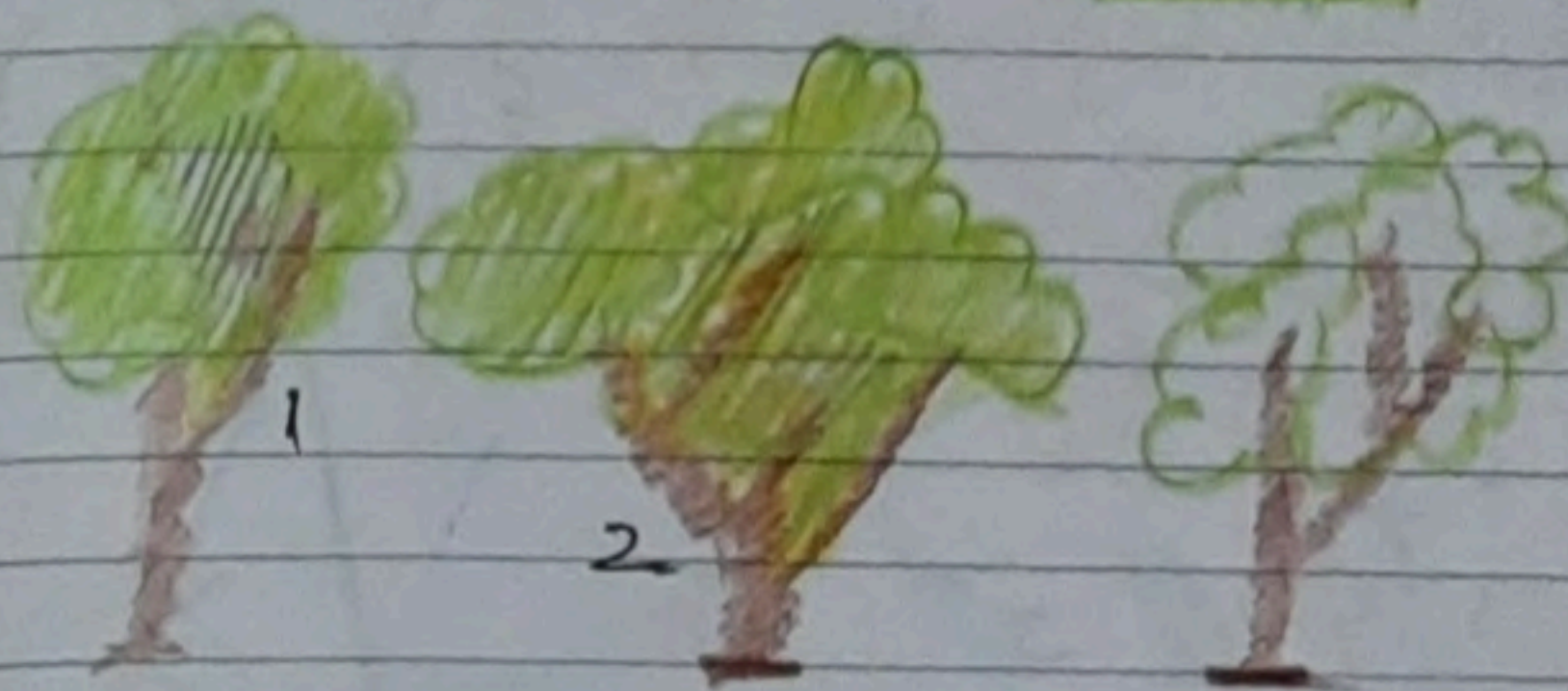
colour 5 balloons



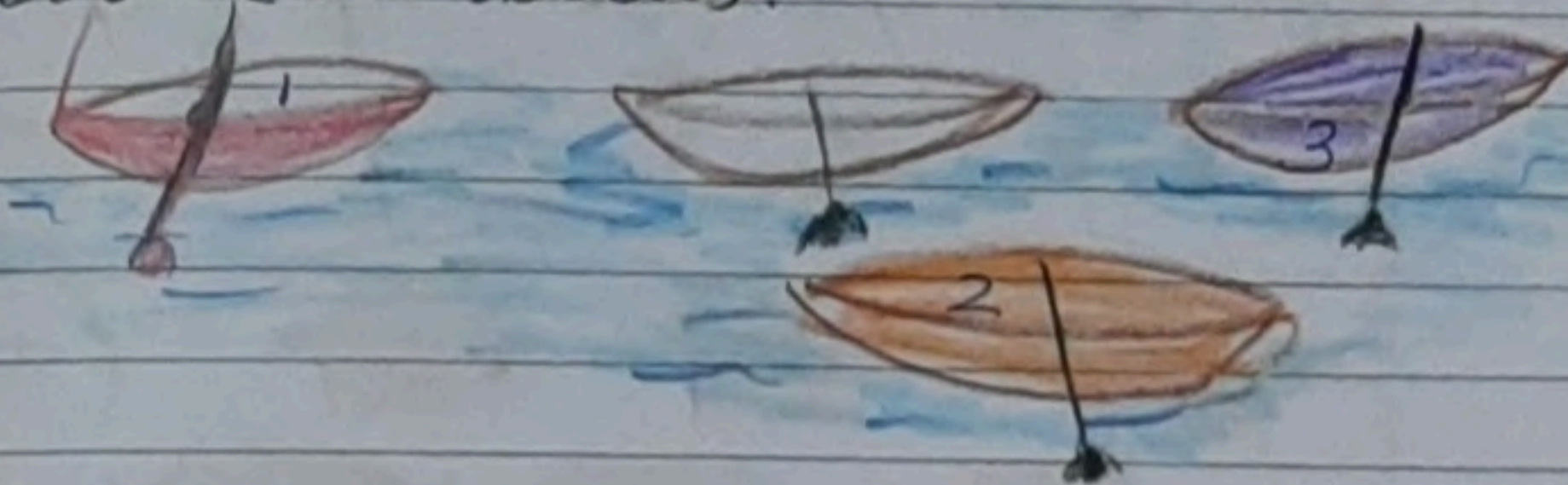
colour 4 flowers.



colour 2 trees.



colour 3 boats.



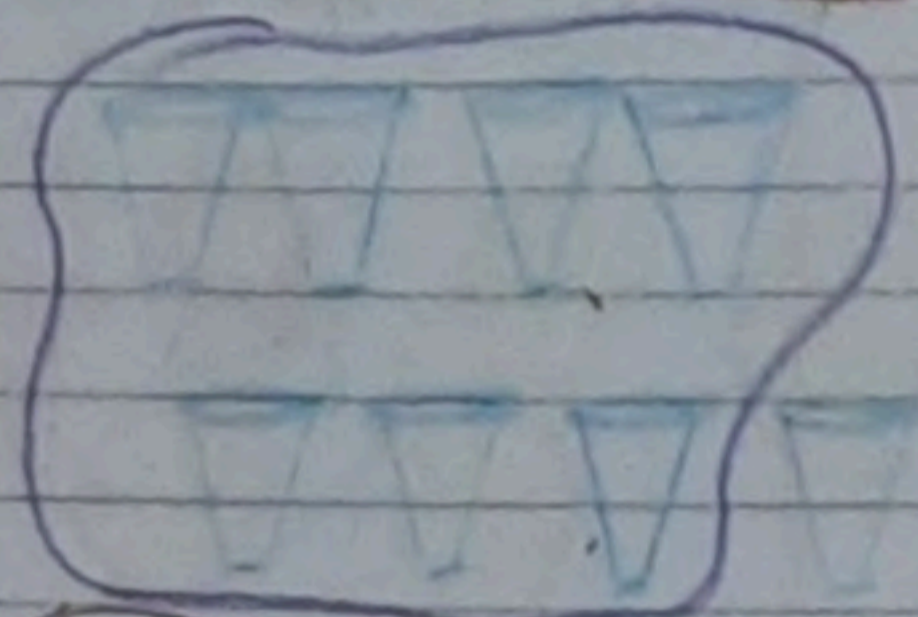
Count and match.

Make groups of

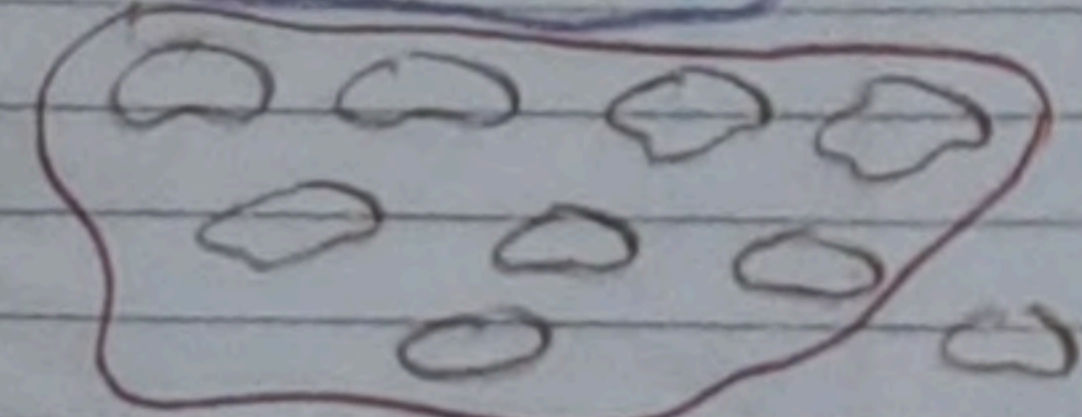
6 Leaves



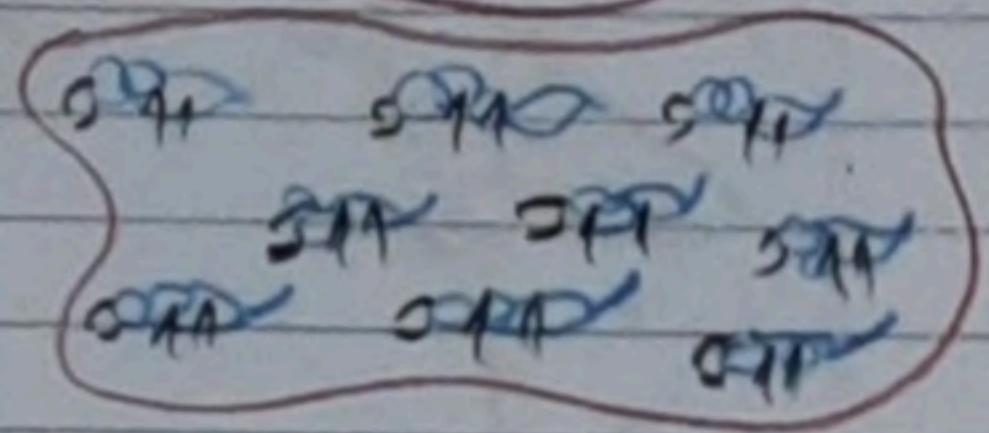
7 Glasses



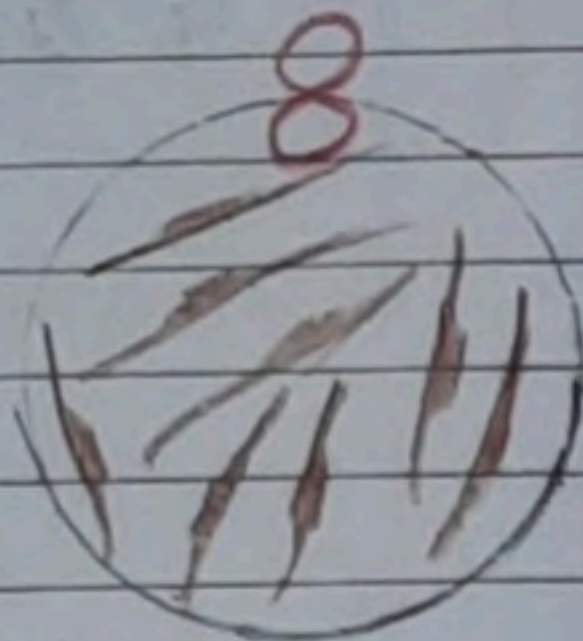
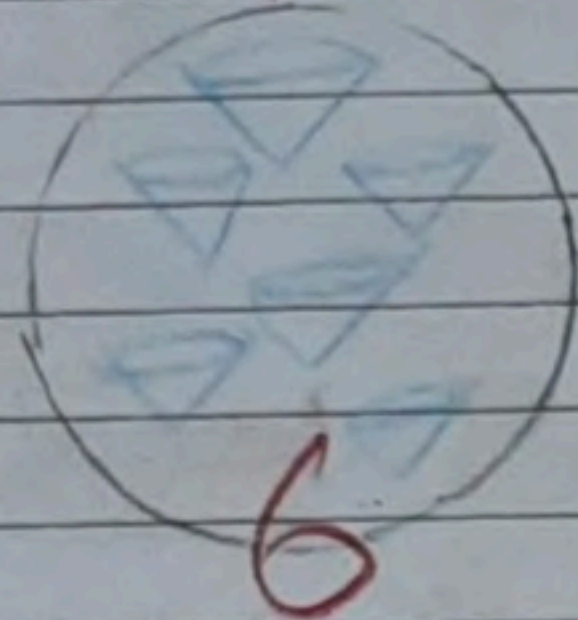
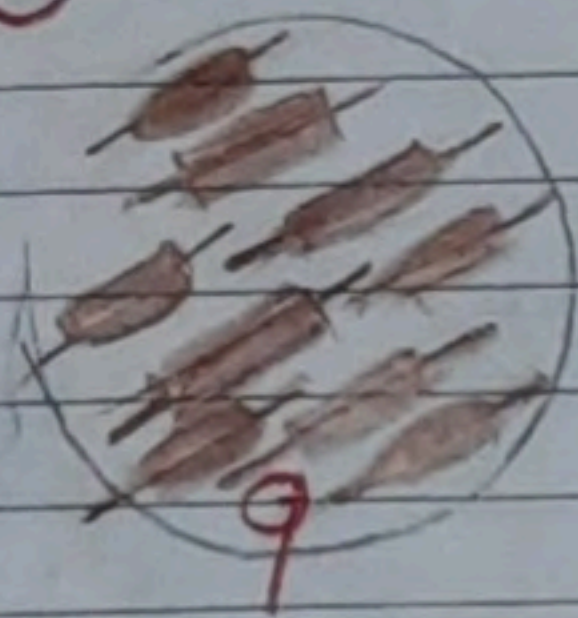
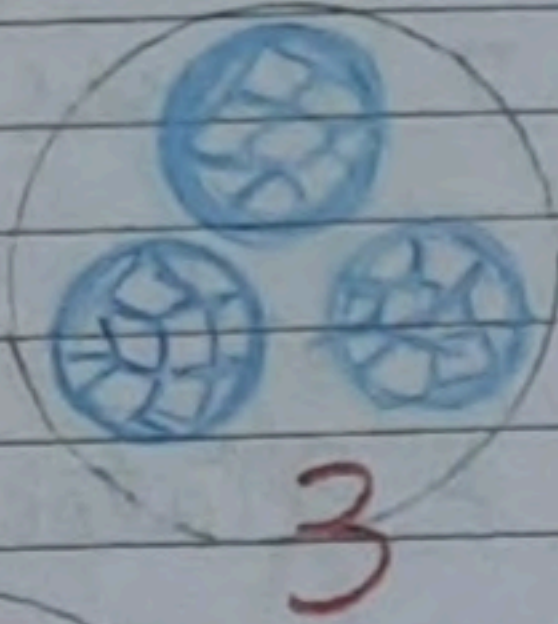
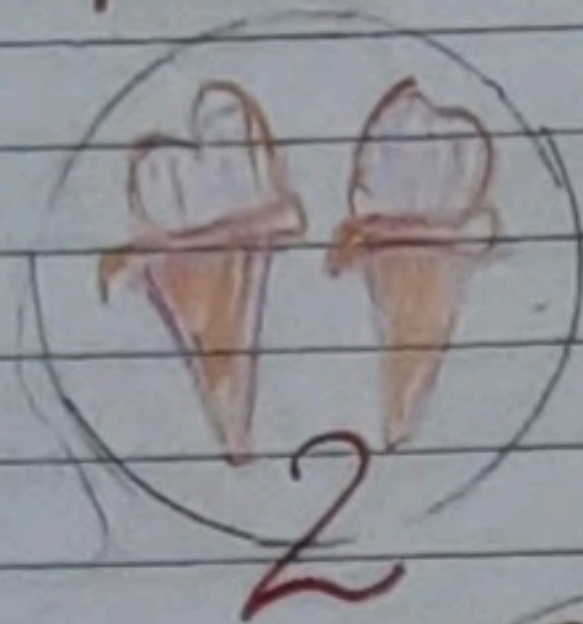
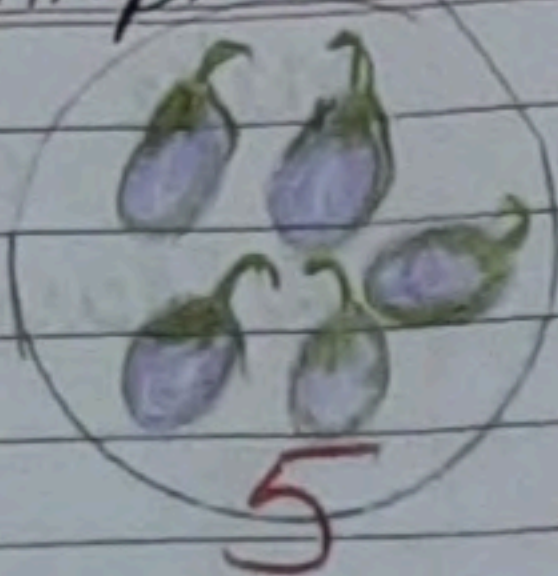
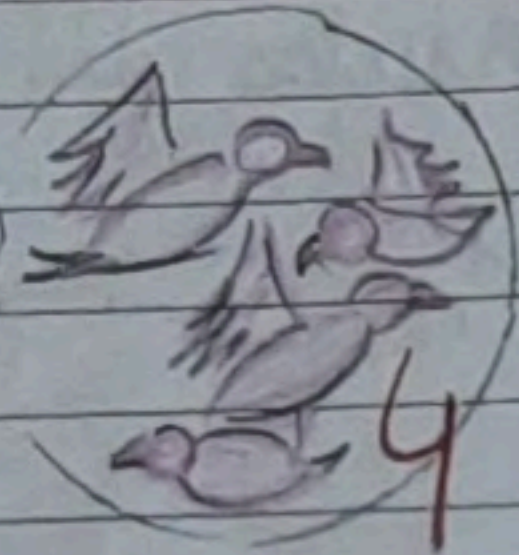
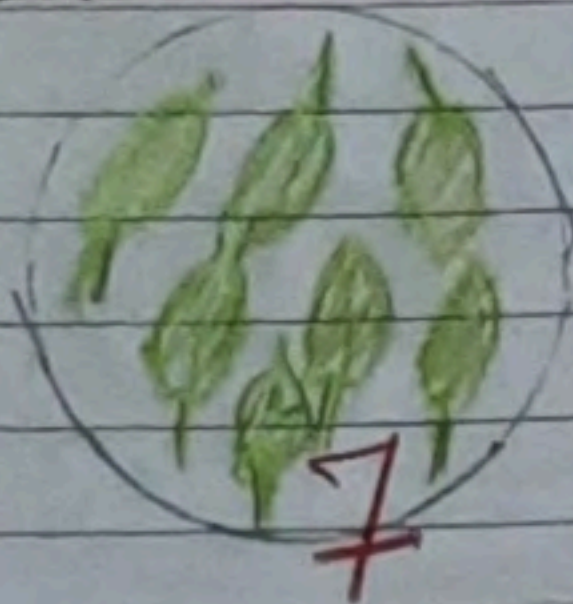
8 Potatoes



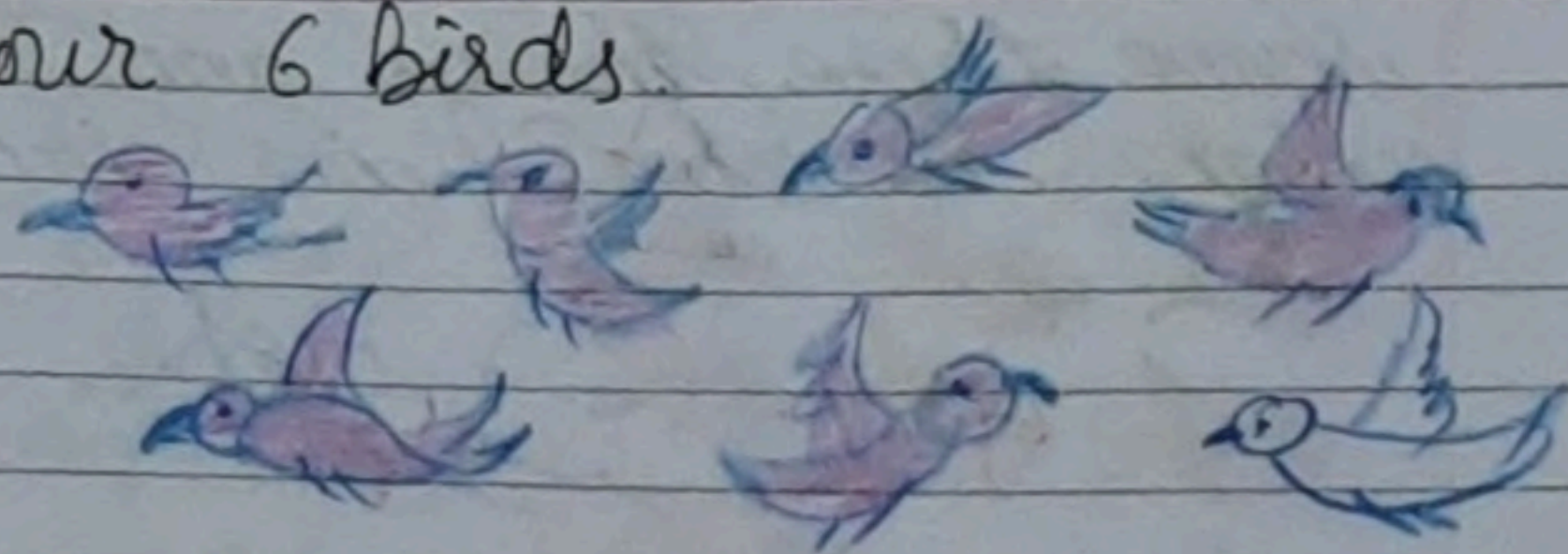
9 ants



Match the numbers with pictures.



Colour 6 birds.



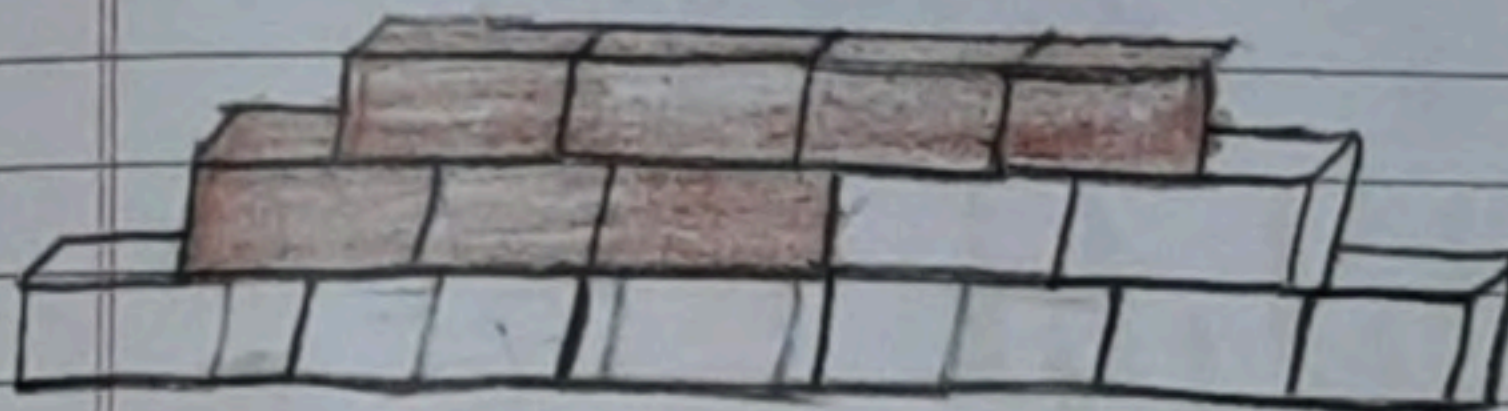
Colour 9 mangoes.



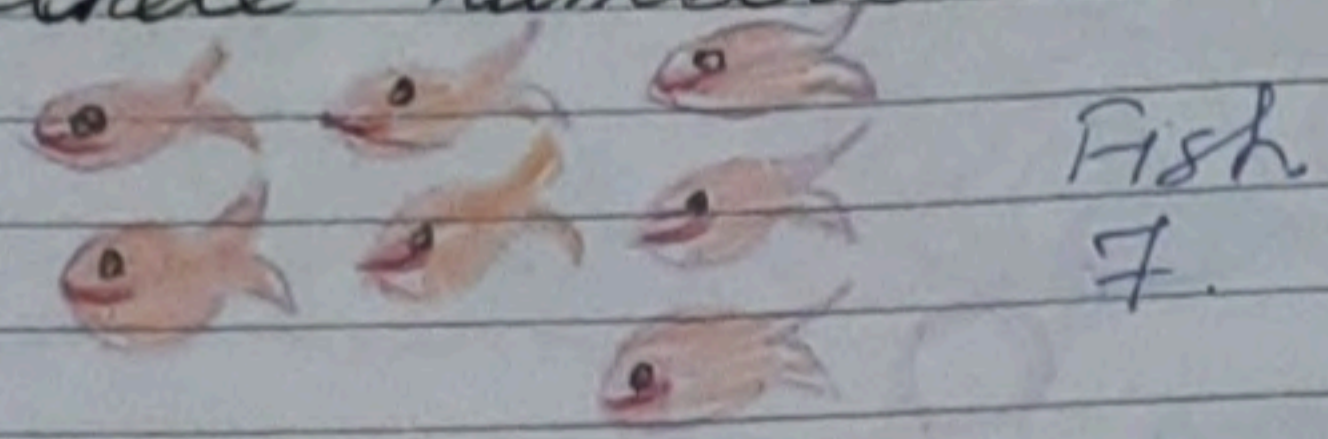
Colour 1 elephant.



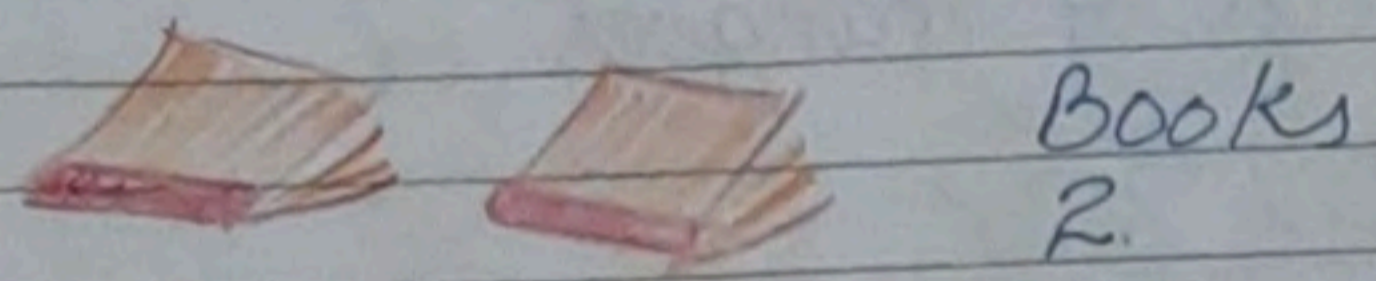
Colour 7 bricks.



Name these things and write these numbers in circle



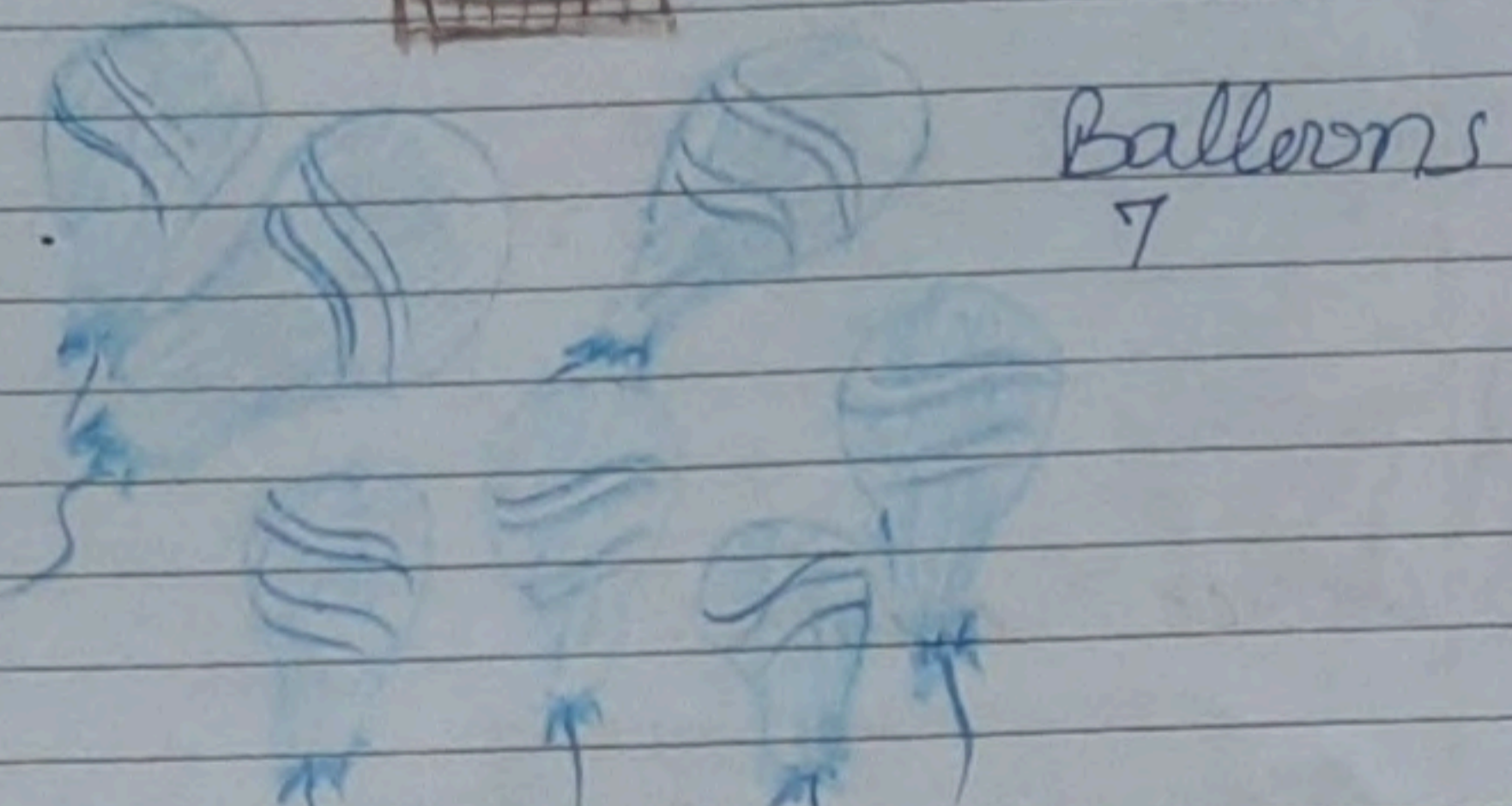
Fish
7.



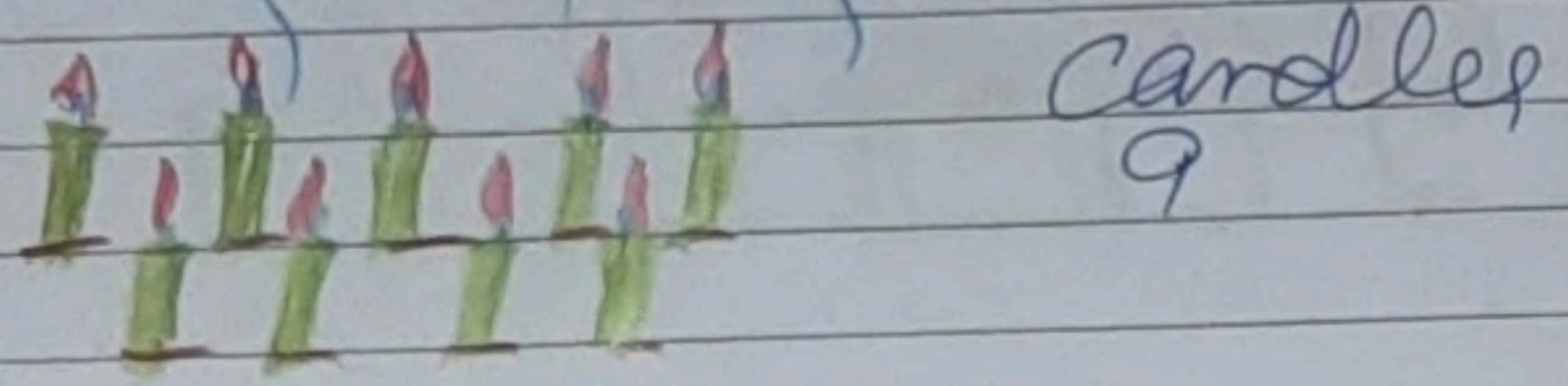
Books
2.



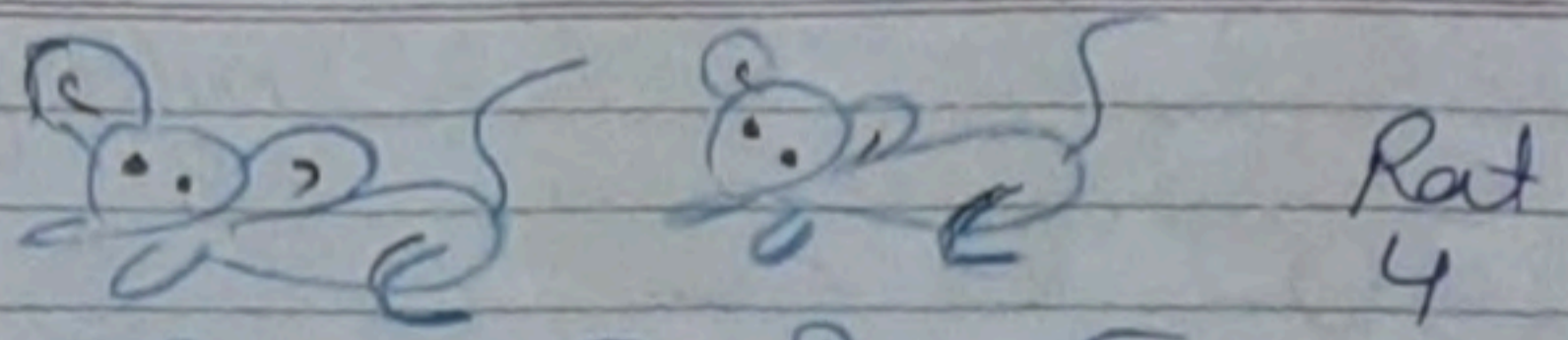
Basket
3.



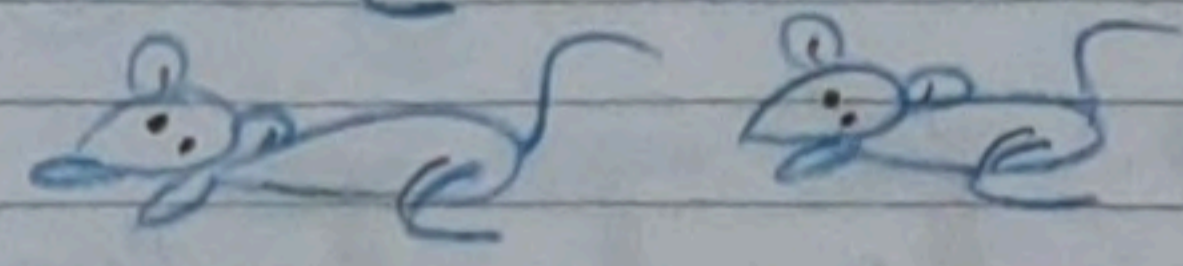
Balloons
4



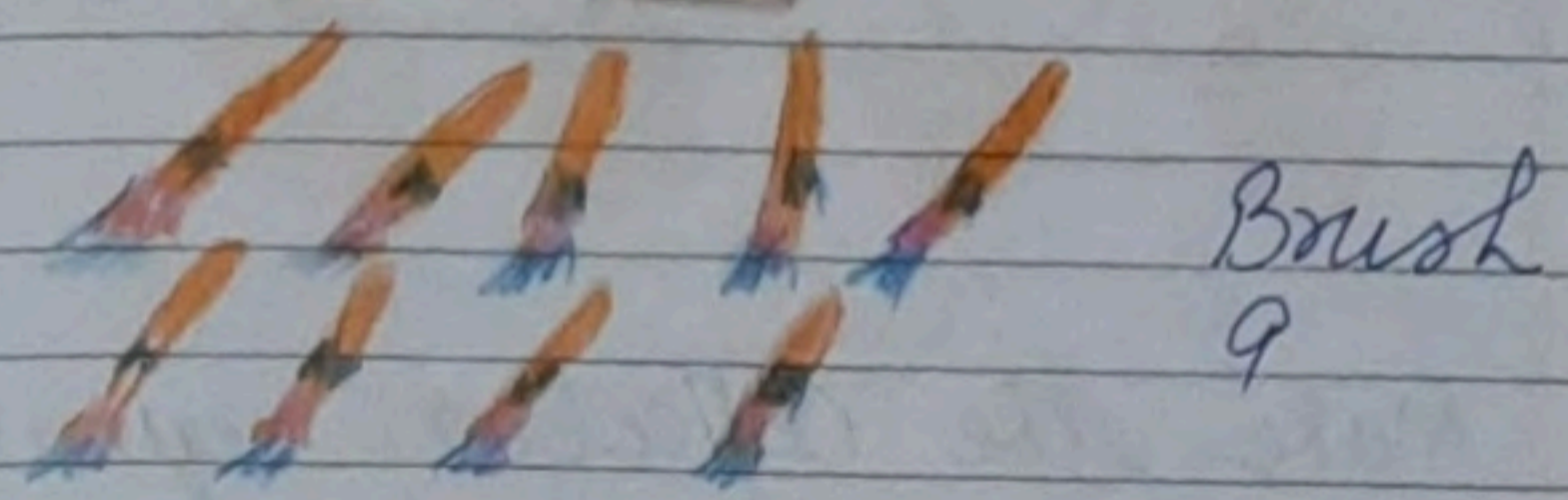
Candles
9



Rat
4

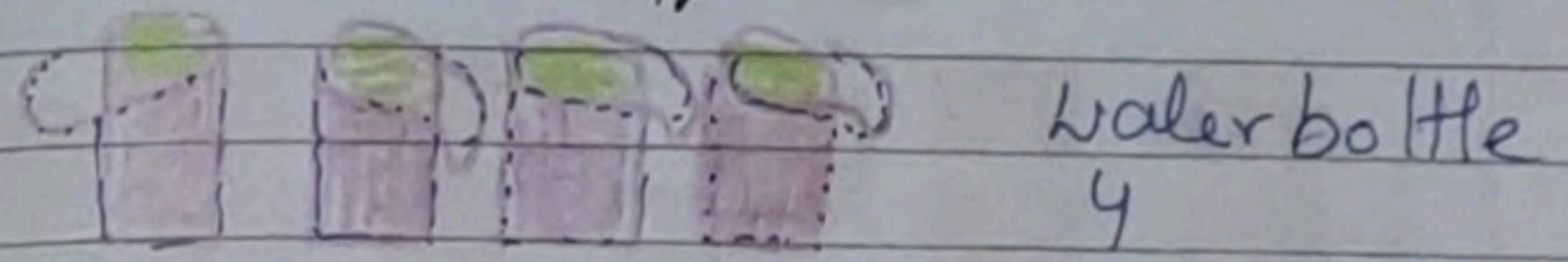


Bells
5.

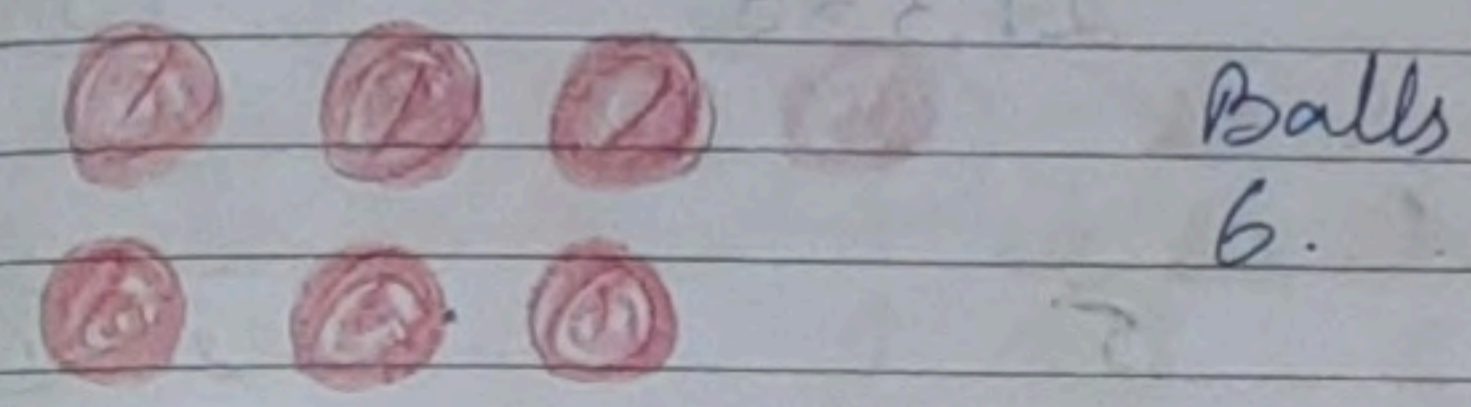


Brush
9

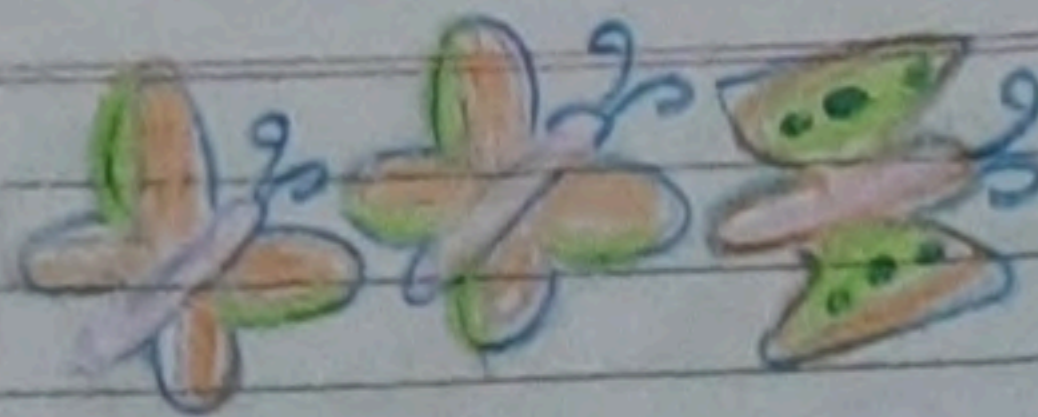
color the collection which has more objects.



Water bottle
4



Balls
6.



Butterflies
3.

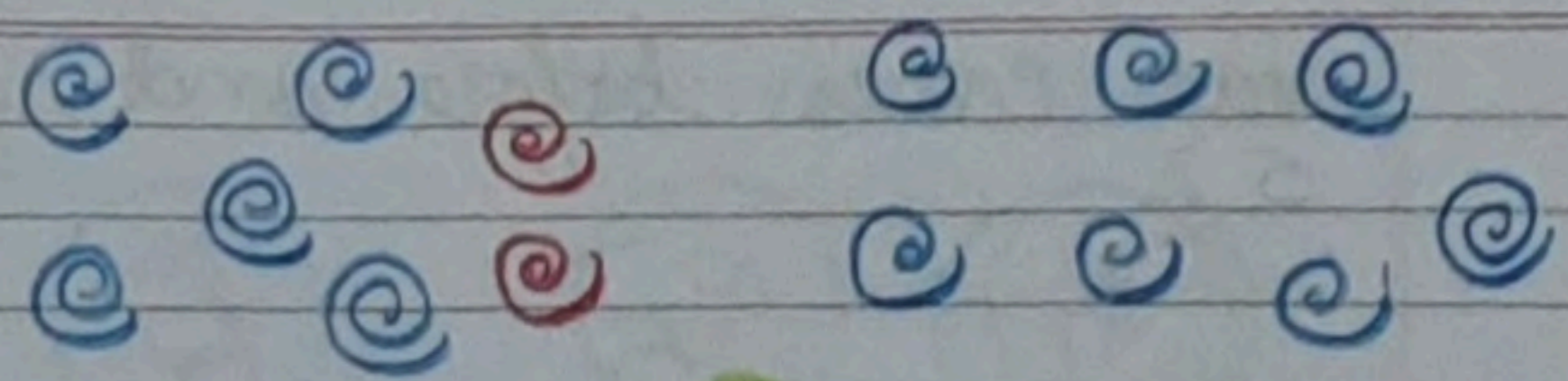
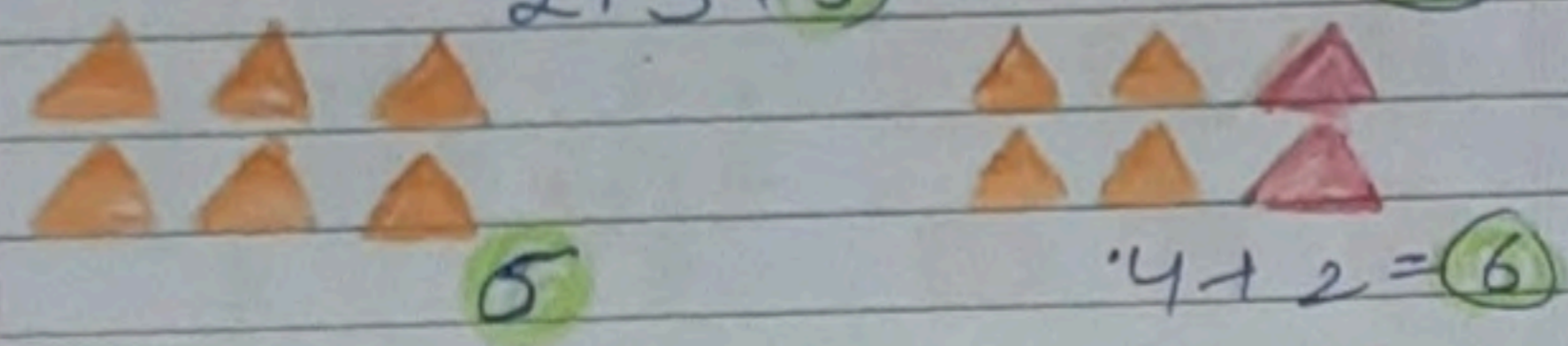
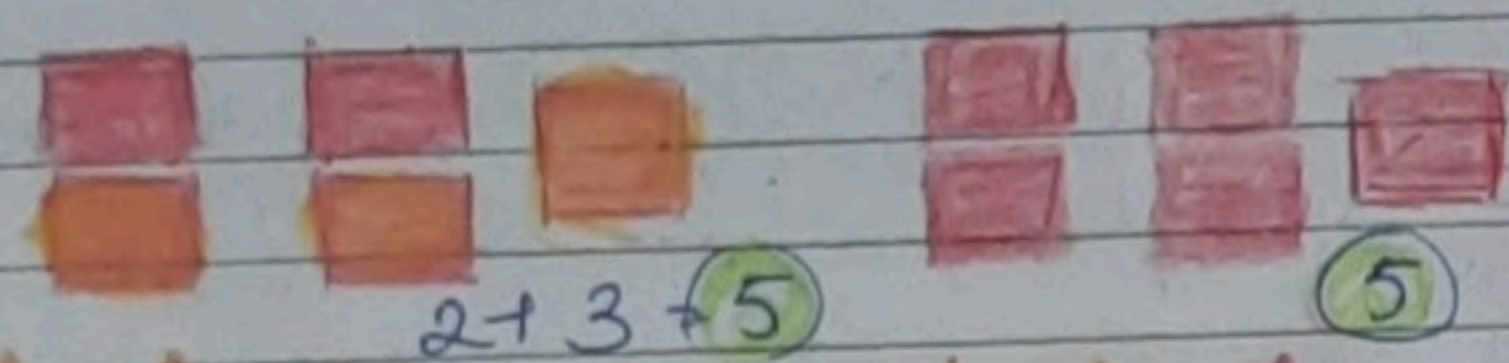
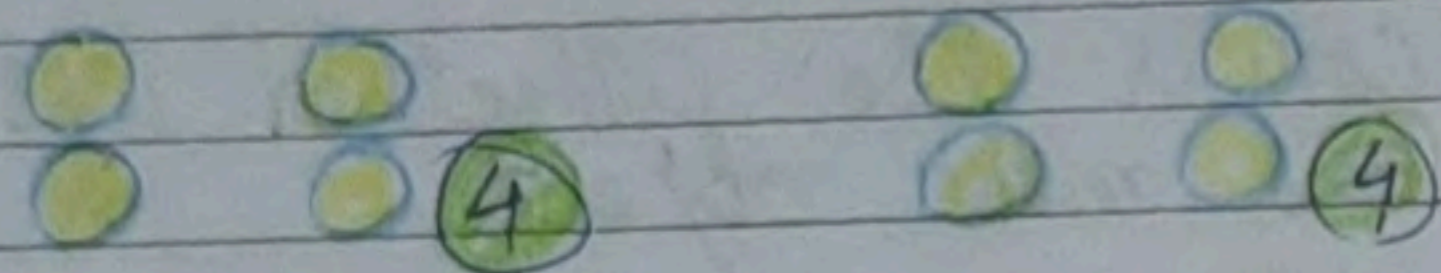


Hammers
4.



Apples
8.

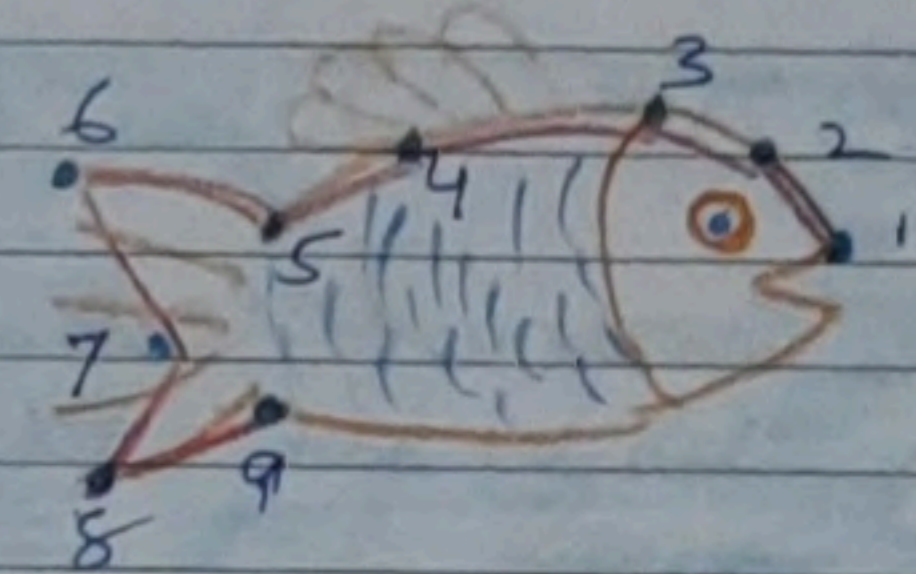
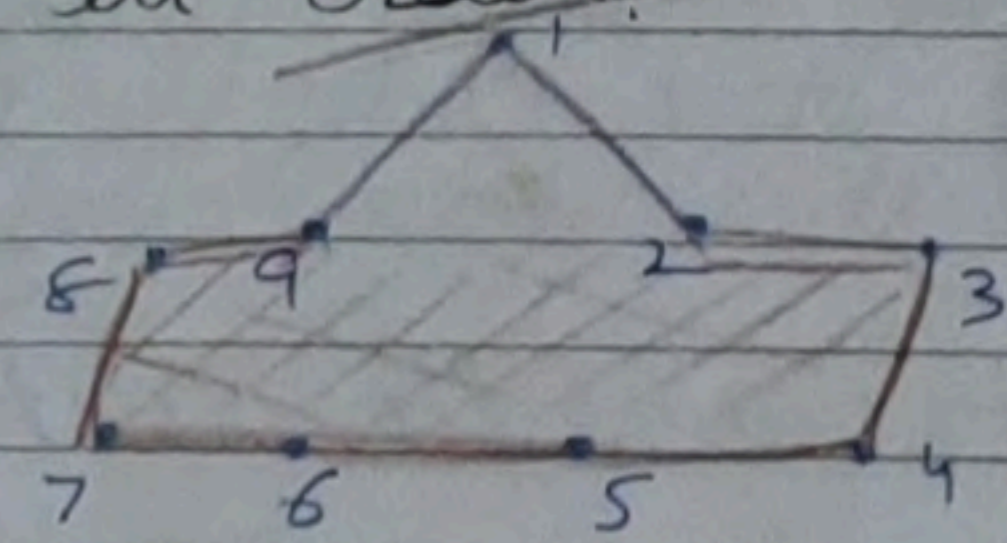
Make the collection equal.



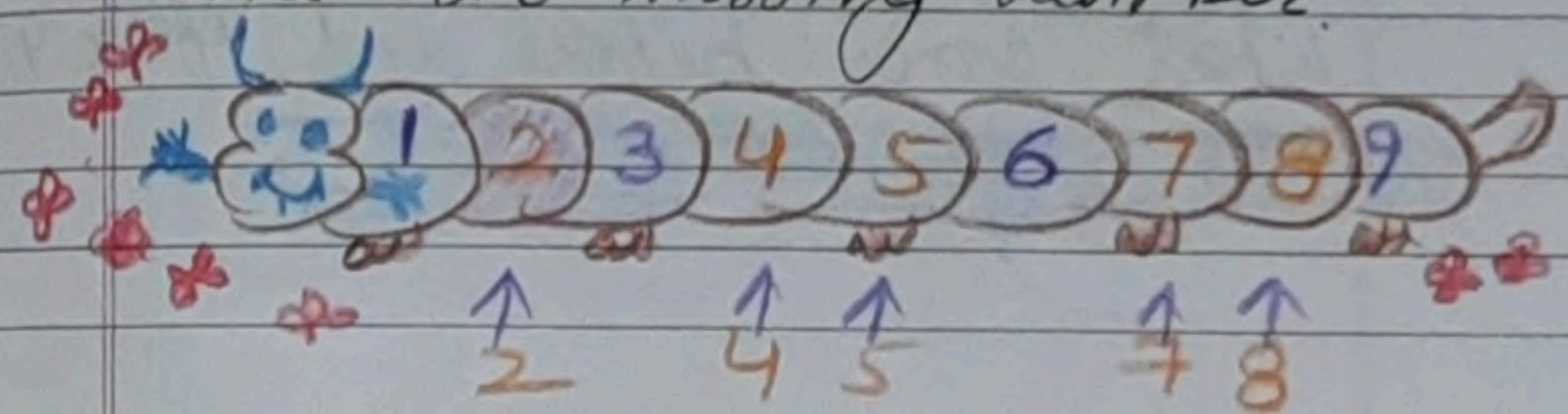
$5 + 2 = 7$

7

Join in order.



Write the missing number.



What comes before and after 5?

4 5 6

What comes after 1?

1 2 3

What are the next numbers?

2 3 4

What comes before 6?

5 6 7

What comes before and after 4?

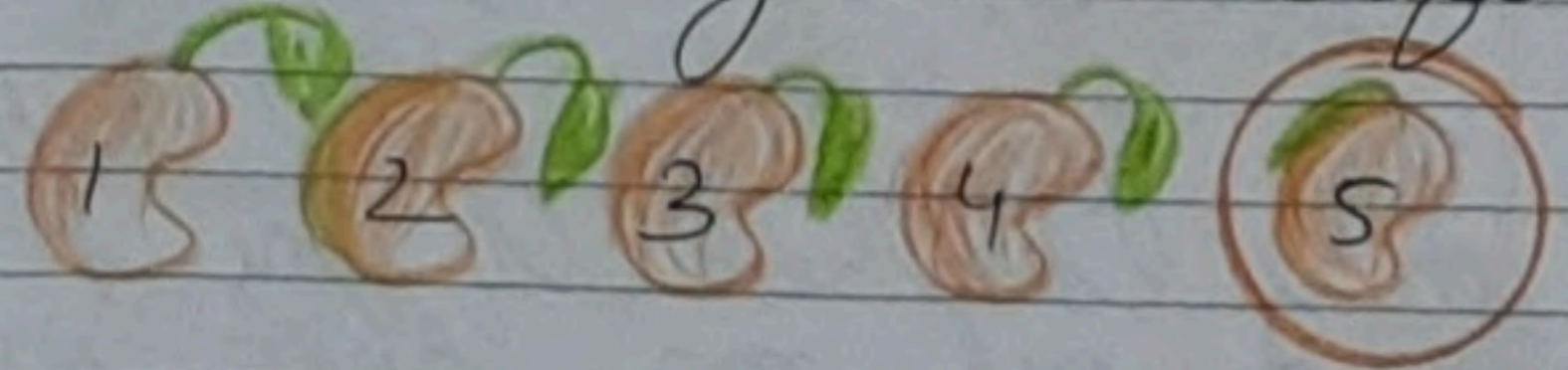
3 4 5

What are the next numbers.

3 4 5

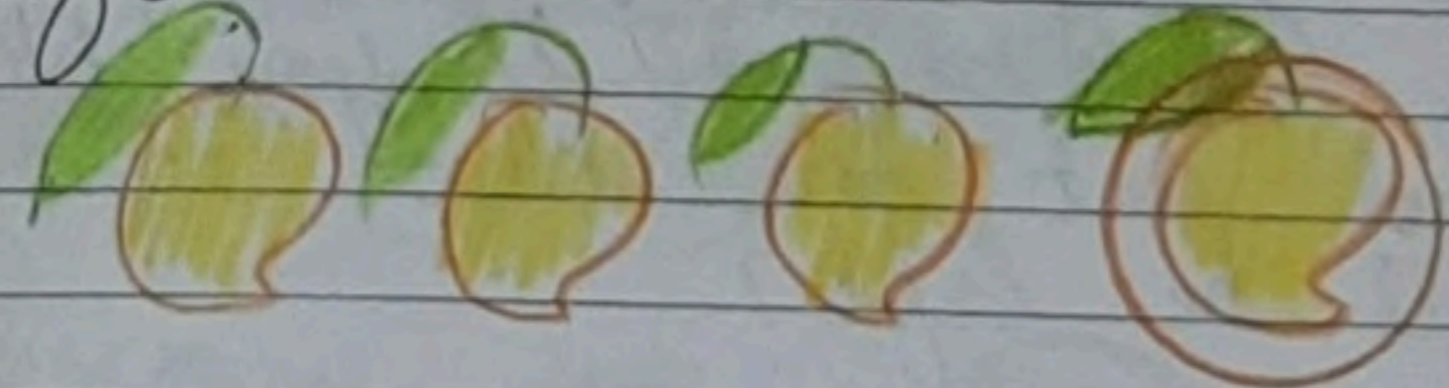
Zero.

Five juicy mangoes kept in a basket if you pick and eat one how many will be left?



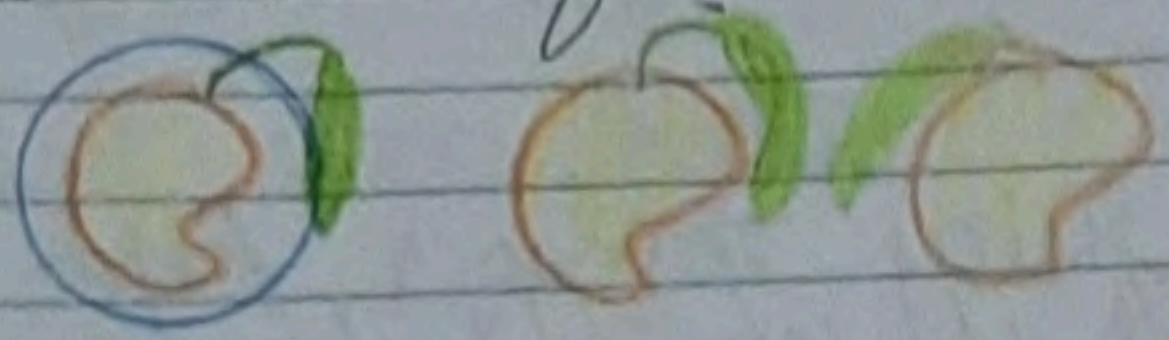
four will be left. Eaten

Four juicy mangoes kept in a basket if you pick and eat one how many will be left?



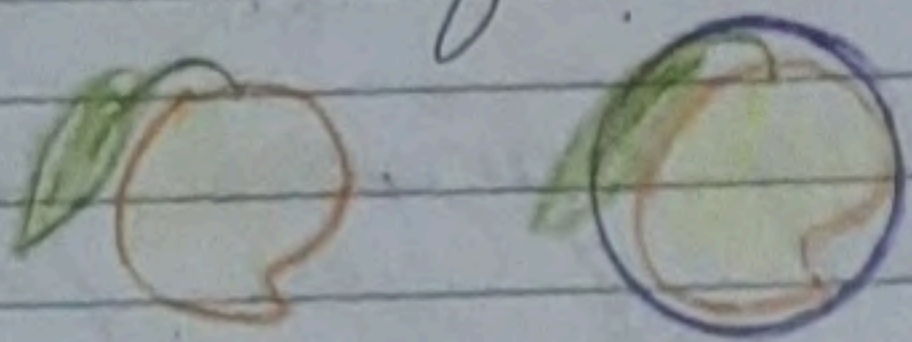
three will be left.

Three juicy mangoes kept in a basket. If you pick and eat one how many will be left?

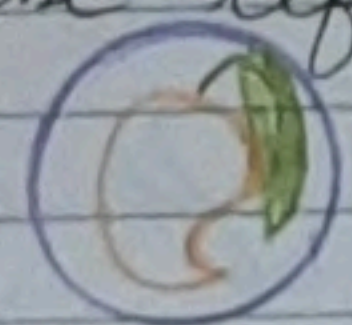


Two will be left.

Two juicy mangoes kept in a basket. If you pick and eat one how many will be left?



One juicy mangoes kept in a basket. If you pick and eat one how many will be left?



no mango will be left zero.

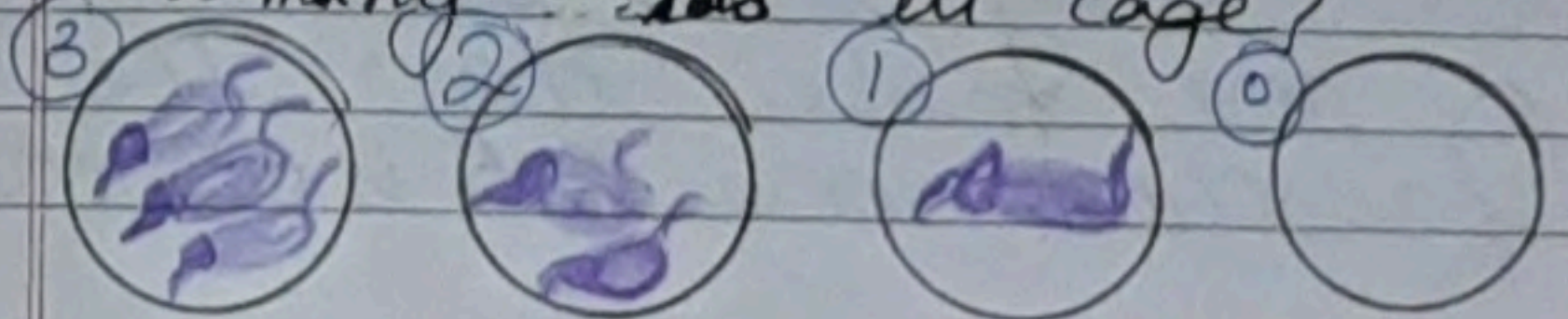
Count and write the number of birds on the branch.



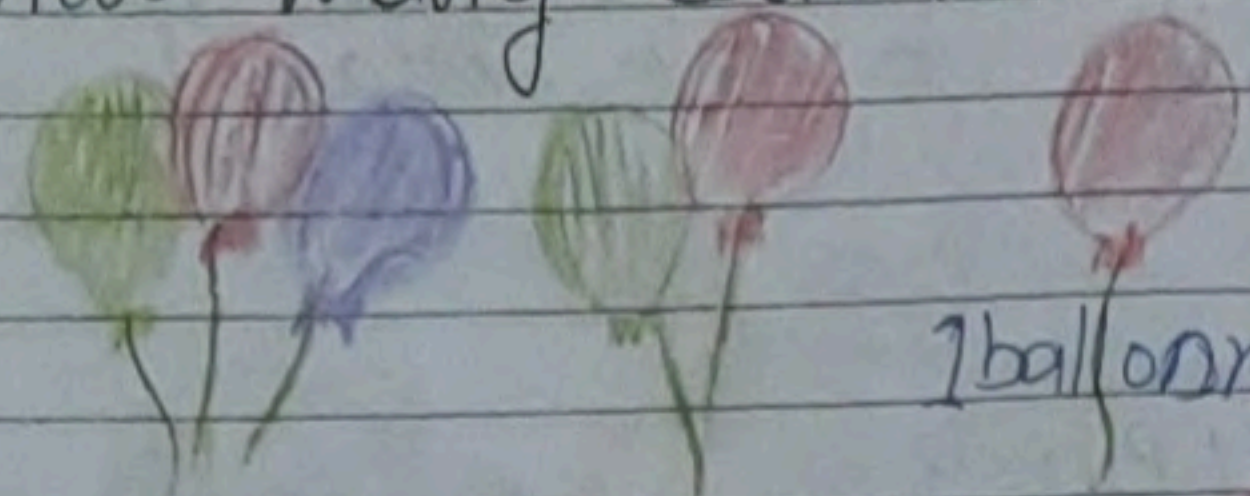
'0' bird

no bird.

How many rats in cage?



How many balloons in hand?

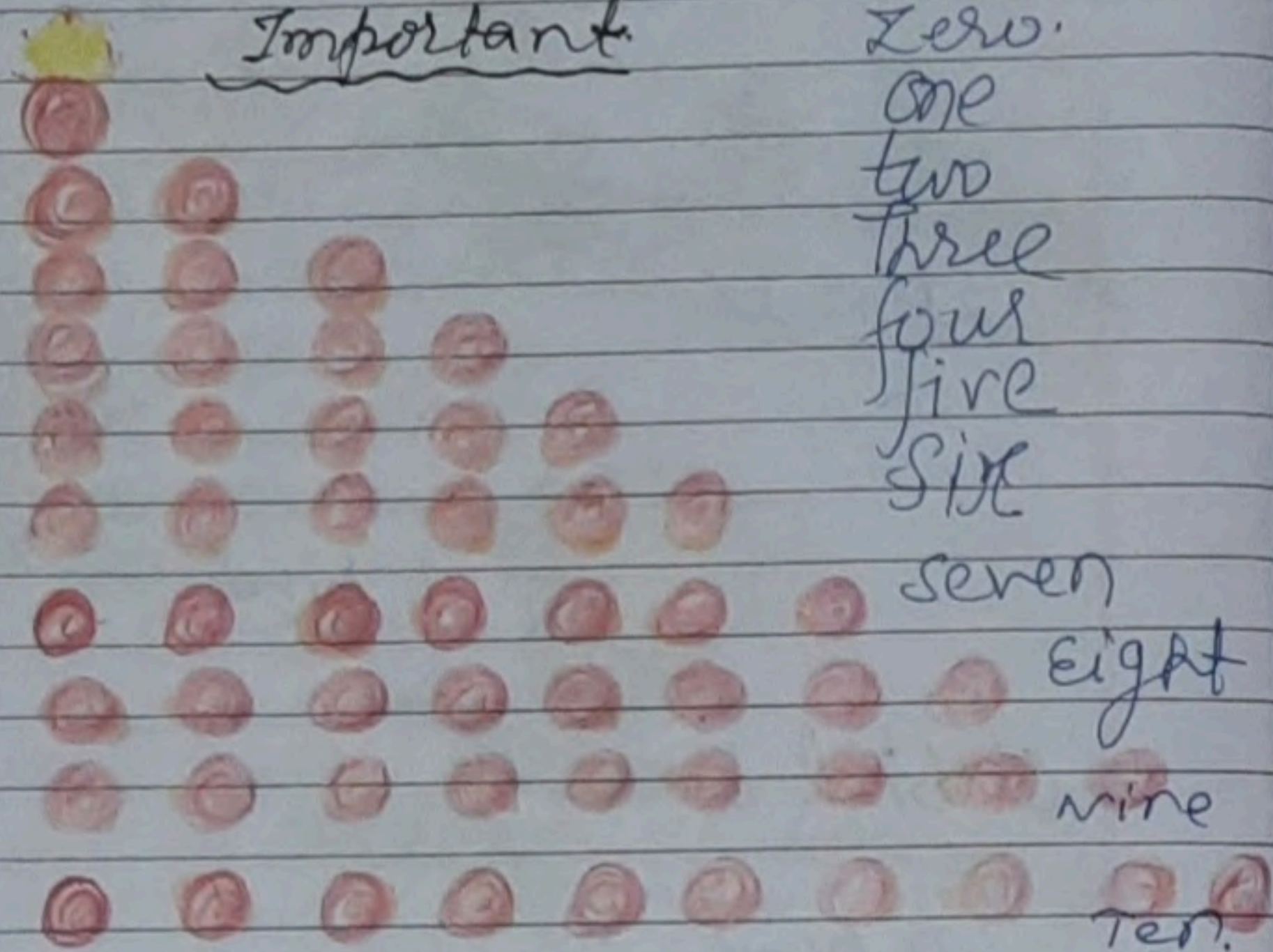


1 balloon ;

3 balloons 2 balloons 1 balloons

Important

1
2
3
4
5
6
7
8
9
10



Zero.

one

two

three

four

five

six

seven

eight

nine

ten.

Note: every consecutive number is one more than the previous one. eg 5 is one more 4.

CHAPTER - 3

ADDITIONS

How many altogether?

2 cows and 1 cow is equal to 3 cows.

3 children and 2 children is equal to 5 children.

5 flower and 2 flower is equal to 7 flowers.

4 birds and 2 birds is equal to 6 birds.

Five tomatoes and 0 tomatoes is equal to 5 tomatoes.

4 ants and 2 ants is equal to 6 ants.

2 books and 0 books is equal to 2 books.

How many altogether?

$$\textcircled{1} \quad 4 + 3 = 7$$

$$\text{||||} + \text{|||} = \text{|||||||}$$

$$\textcircled{2} \quad 4 \text{ puppies} + 2 \text{ puppies} = 6 \text{ puppies}$$

$$\text{||||} + \text{||} = \text{||||||}$$

$$\textcircled{3} \quad 1 \text{ boy} + 1 \text{ boy} = 2 \text{ boys}$$

$$1 + 1 = 2$$

Addition

$$\textcircled{1} \quad 4 + 2 = 6$$

$$\text{||||} + \text{||} = \text{||||||}$$

$$\textcircled{2} \quad 5 + 1 = 6$$

$$\text{|||||} + 1 = \text{|||||}$$

$$\textcircled{3} \quad 3 + 6 = 9$$

$$\text{|||} + \text{|||||} = \text{|||||||}$$

$$\textcircled{4} \quad 7 + 0 = 7$$

$$\text{|||||||} = \text{|||||||}$$

$$\textcircled{5} \quad 0 + 9 = 9$$

$$+ 9$$

$$\hline 9$$

$$3 + 2 = \boxed{5} \text{ Balloons}$$

$$3 + 0 = \boxed{3} \text{ Balloons}$$

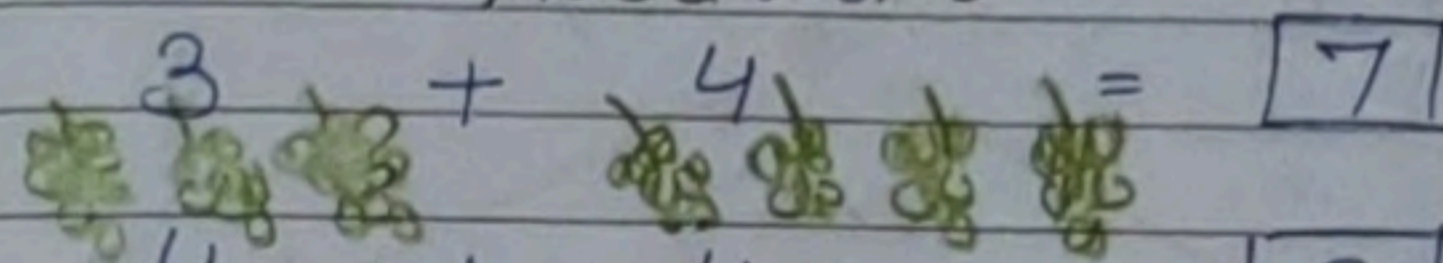
$$0 + 2 = \boxed{2} \text{ Balloons}$$

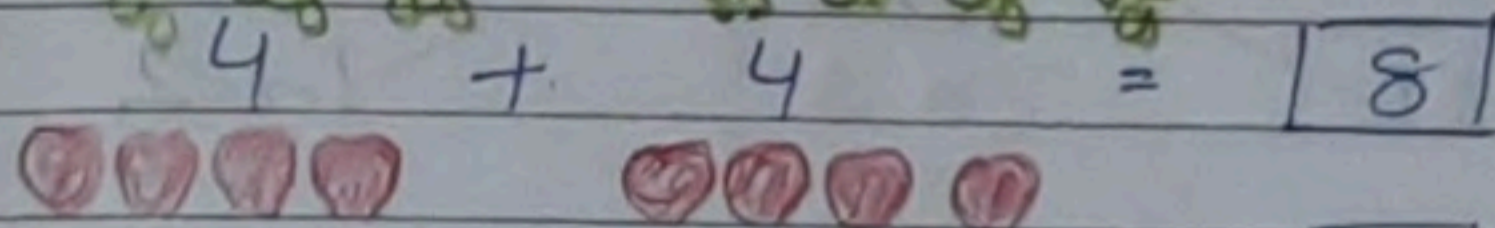
$$4 + 0 = \boxed{4} \text{ Balloons}$$

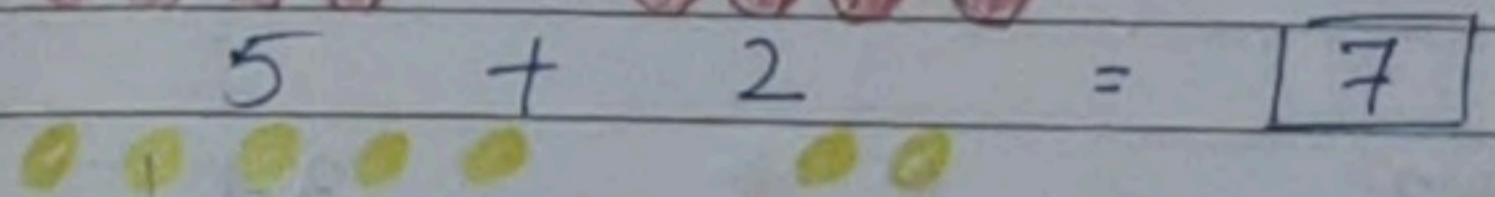
$$5 + 0 = \boxed{5} \text{ Balloons}$$

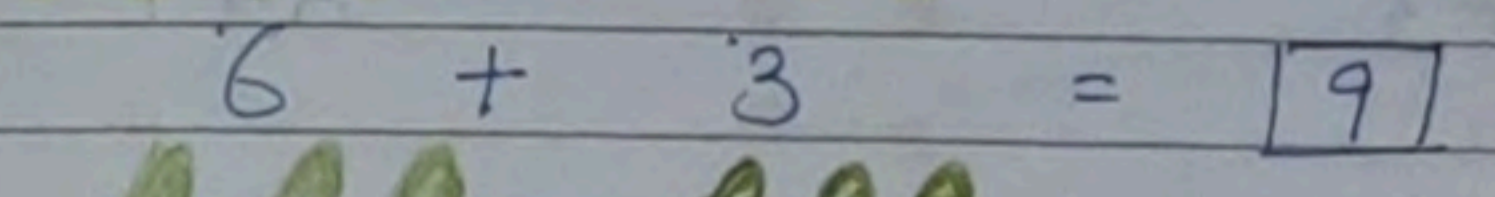
$$3 + 4 = \boxed{7} \text{ Balloons}$$

Additions

$$3 + 4 = \boxed{7}$$


$$4 + 4 = \boxed{8}$$


$$5 + 2 = \boxed{7}$$


$$6 + 3 = \boxed{9}$$


Add and match.

$$3+2 \quad \leftarrow 3+3$$

$$4+2 \quad 2+3$$

$$3+4 \quad 0+8$$

$$8+0 \quad 3+6$$

$$6+3 \quad 5+2$$

$$2+1 \quad 1+2$$

$$1+3 \quad \leftarrow 8+1$$

Add.

$$2+7 = \boxed{9}$$

$$1+3 = \boxed{4}$$

$$3+5 = \boxed{8}$$

$$4+1 = \boxed{5}$$

$$4+0 = \boxed{4}$$

$$0+2 = \boxed{2}$$

$$2+2 = \boxed{4}$$

$$3+4 = \boxed{7}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 0 \\ + 8 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ + 0 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array}$$

Write the missing numerals

$$\boxed{2} + \boxed{3} = 5 \quad \boxed{3} + \boxed{3} = 6$$

$$\boxed{3} + \boxed{7} = \boxed{7} \quad \boxed{0} + \boxed{3} = \boxed{3}$$

$$\boxed{2} + \boxed{2} = \boxed{4} \quad \boxed{6} + \boxed{3} = \boxed{9}$$

$$\boxed{4} + \boxed{4} = \boxed{8} \quad \boxed{0} + \boxed{1} = \boxed{1}$$

Extra questions

$$\boxed{7} + \boxed{0} = \boxed{7} \quad \boxed{8} + \boxed{0} = \boxed{8}$$

$$\boxed{6} + \boxed{0} = \boxed{6} \quad \boxed{3} + \boxed{0} = \boxed{3}$$

$$\boxed{5} + \boxed{0} = \boxed{5} \quad \boxed{2} + \boxed{0} = \boxed{2}$$

NOTE:

Zero added to any number the answer is number itself



CHAPTER 4.

SUBTRACTION

Take away

$$\textcircled{1} \quad \boxed{4} \quad \text{Take away } \boxed{2} \quad \text{left } \boxed{2}$$

$$\textcircled{2} \quad 8 \text{ butterfly} \quad \text{Take away } 3 \text{ butterfly} \quad \text{left } 5 \text{ butterfly}$$

$$\textcircled{3} \quad 3 \text{ pencil} \quad \text{Take away } 1 \text{ pencil} \quad \text{left } 2 \text{ pencil}$$

subtraction.

Total	Broken	left
6 Jugs	4 jugs	2 jugs

Total	Jumped	left
5 frogs	2 frogs	3 frogs

Total	Broken	left
9 leaves	4 leaves	5 leaves

Total	eaten	left
5 samosa	1 samosa	4 samosas

Total Broken left
3 glasses 3 glasses zero glass

Total eaten left
7 pears 3 pears 3 pears.

Total Taken away left
6 apples 4 apples 2 apples.

Total plucked left
7 flowers 7 flowers zero flower.

Subtraction

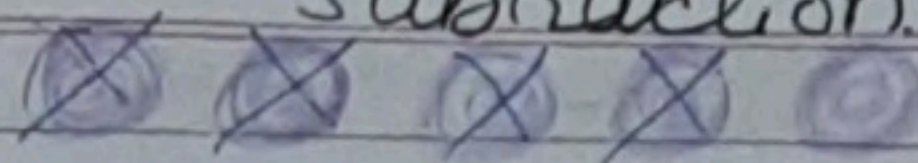
Total taken away left
3 cows 1 2 cows
3 - 1 = 2

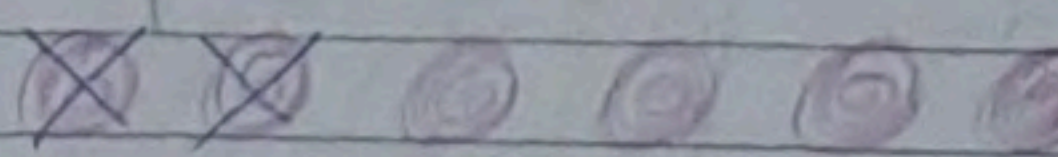
Total taken away left
4 books 2 2 books
4 - 2 = 2

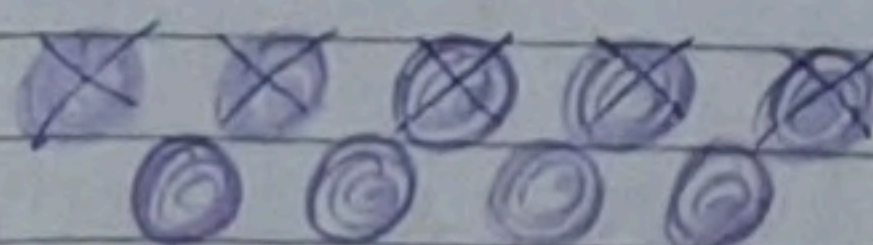
Total taken away left
4 tomatoes 2 tomatoes 2 tomatoes.
4 - 2 = 2

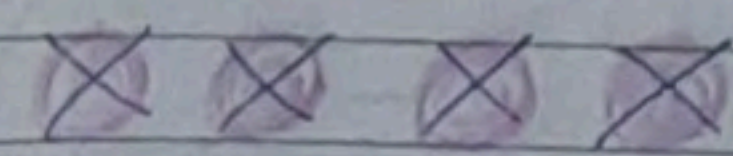
Total taken away left
3 spools 2 spools 1 spool.
3 - 2 = 1

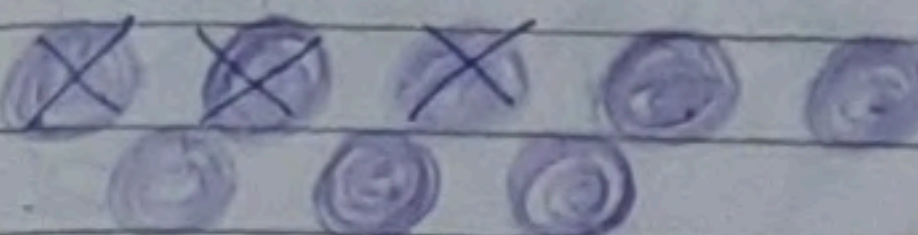
Subtraction

 $5 - 4 = 1$

 $6 - 2 = 4$

 $9 - 5 = 4$

 $4 - 4 = 0$

 $8 - 3 = 5$

Subtract and match

4-2	3	9-5
7-2	4	8-2
9-1	2	7-4
5-1	5	8-0
6-3	6	5-3
7-1	8	8-3
5-0	0	7-7

Subtract

$$\begin{array}{l} 4 - 2 = 2 \\ 5 - 2 = 3 \\ 7 - 7 = 0 \\ 8 - 4 = 4 \\ 3 - 1 = 2 \end{array} \quad \begin{array}{l} 4 - 0 = 4 \\ 6 - 5 = 1 \end{array}$$

$$\begin{array}{r} 2 \\ -0 \\ \hline 2 \end{array} \quad \begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline 2 \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array} \quad \begin{array}{r} 3 \\ -0 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline 2 \end{array}$$

Write the missing numbers.

$$\begin{array}{l} 8 - \boxed{1} = \boxed{7} \\ 5 - \boxed{4} = \boxed{1} \\ 3 - \boxed{0} = \boxed{3} \\ 9 - \boxed{2} = \boxed{7} \end{array} \quad \begin{array}{l} \boxed{5} - 2 = 3 \\ \boxed{8} - 3 = 5 \\ \boxed{2} - 2 = 0 \\ \boxed{9} - 2 = 7 \end{array}$$

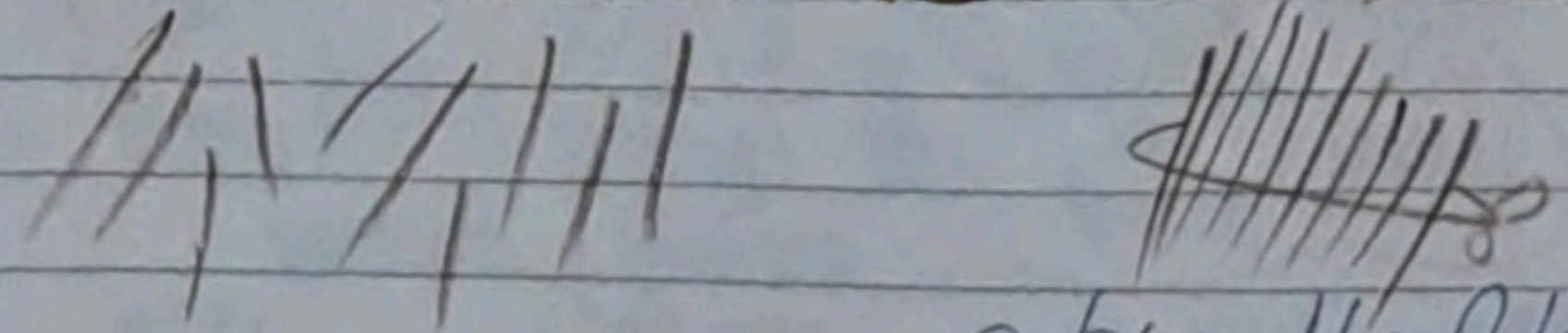
Extra questions

Zero subtracted from any number the answer is number itself.

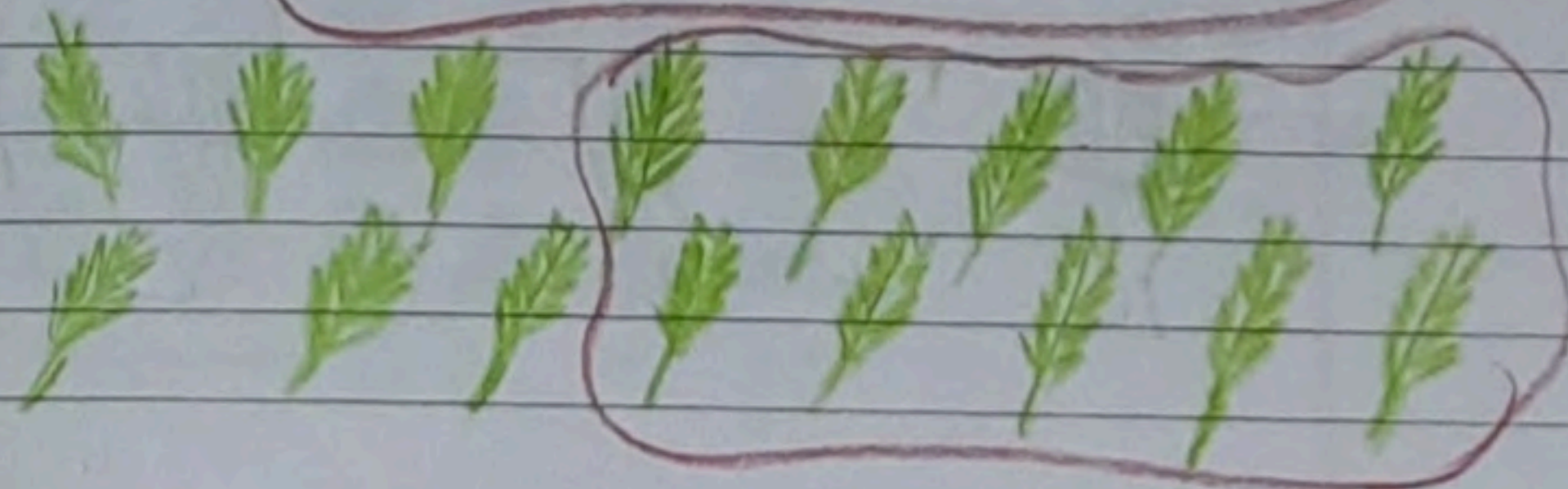
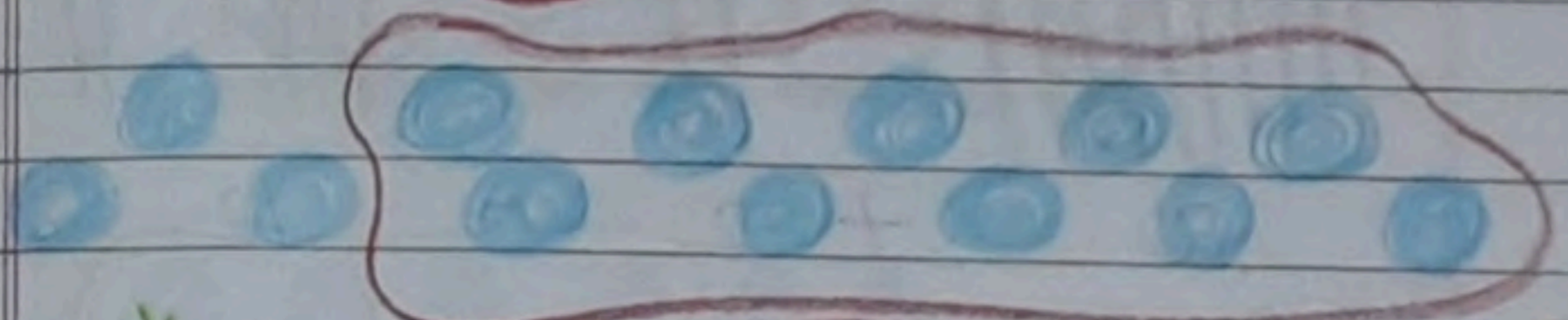
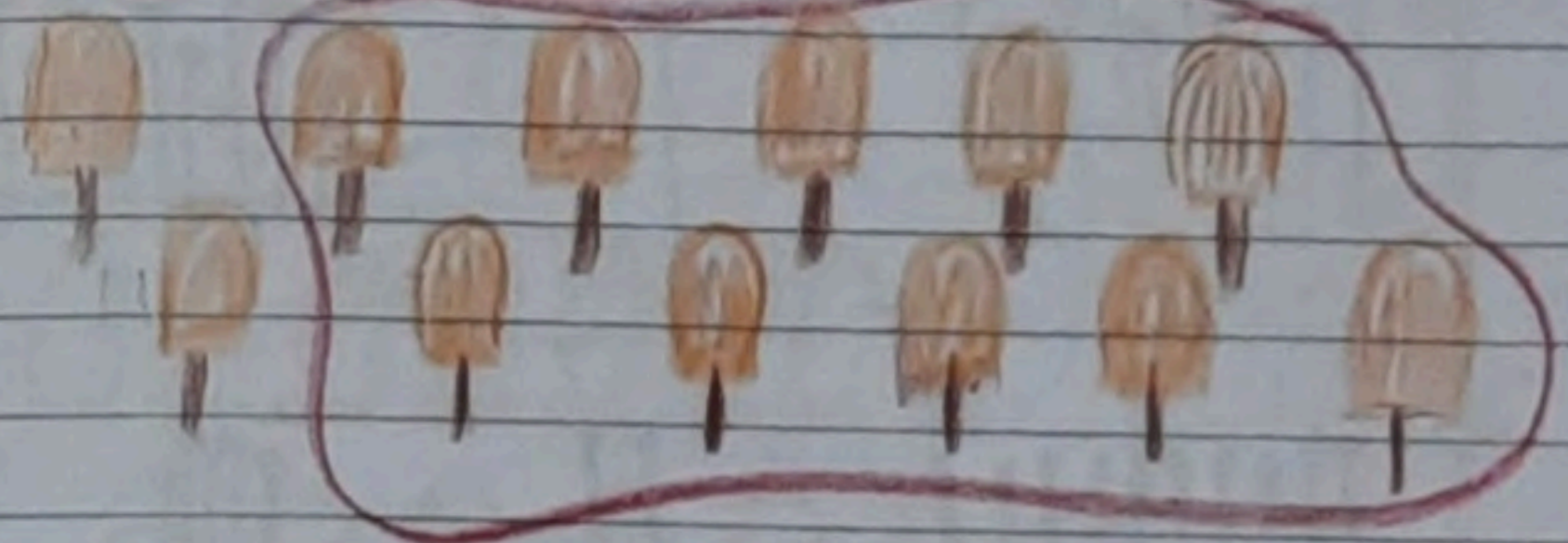
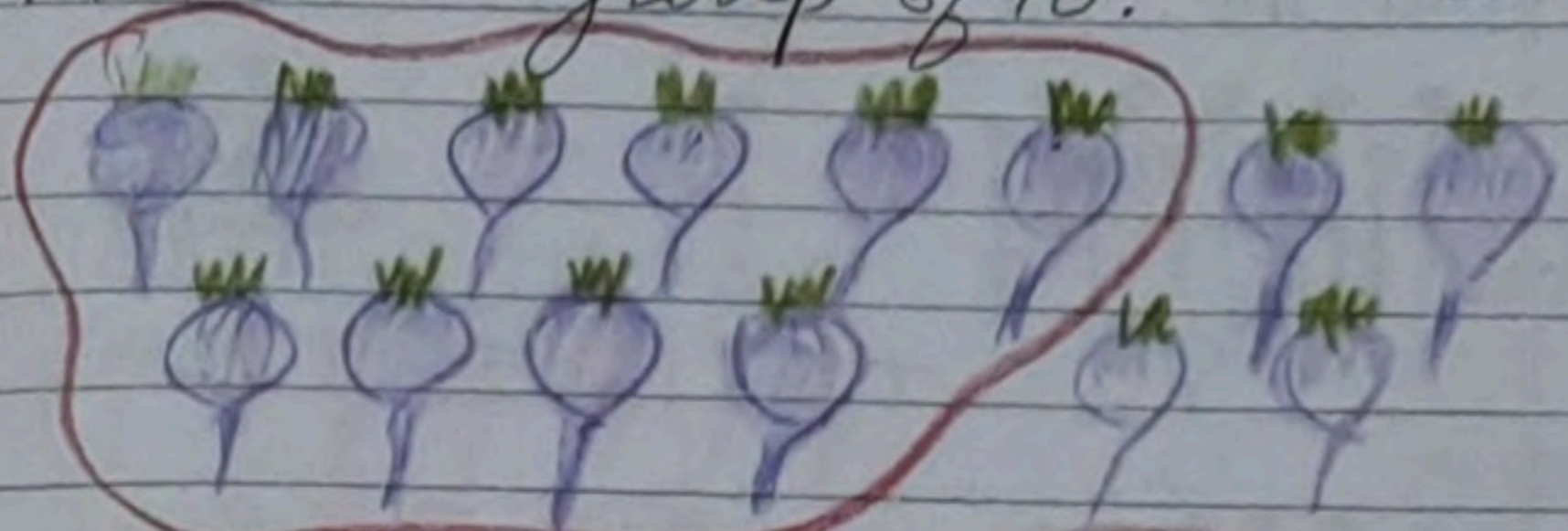
$1 - 0 = 1$	$4 - 0 = 4$	$1 - 1 = 0$
$2 - 0 = 2$	$5 - 0 = 5$	$2 - 2 = 0$
$3 - 0 = 3$	$6 - 0 = 6$	$3 - 3 = 0$

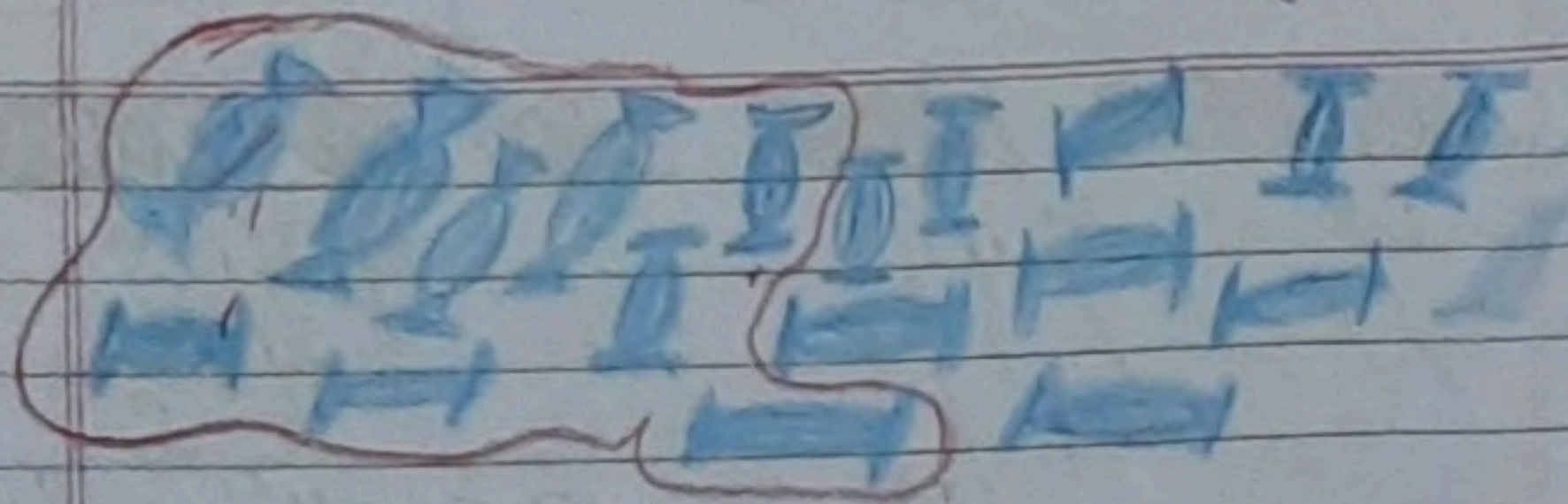
CHAPTER - 5

NUMBERS FROM TEN TO THIRTY


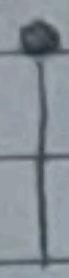



a bundle of ten
make a group of 10.



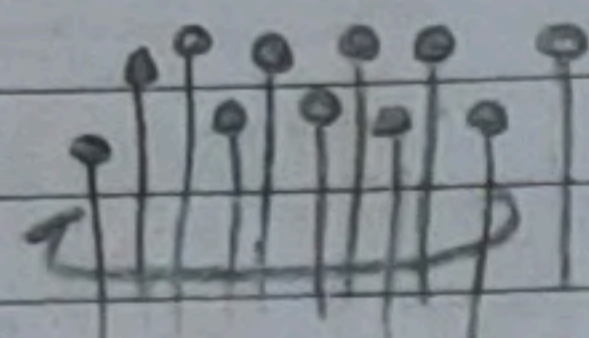




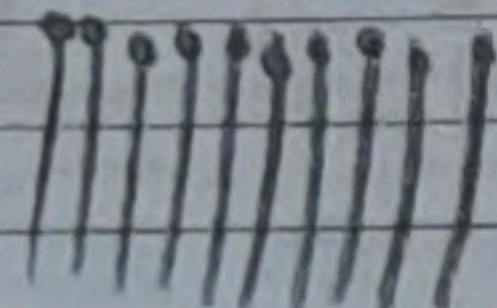
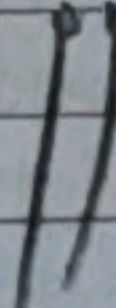
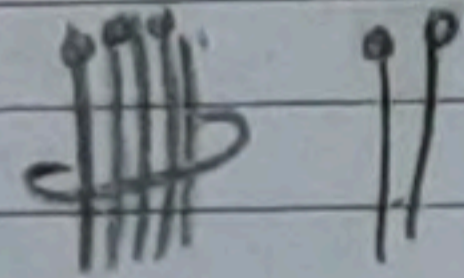
Fill in the blanks.

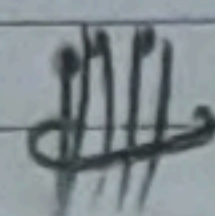

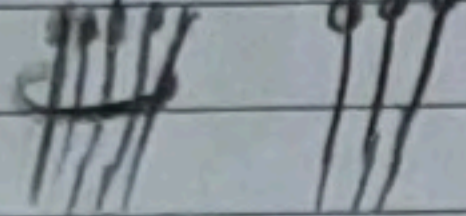
 $9 + 1 = 10$

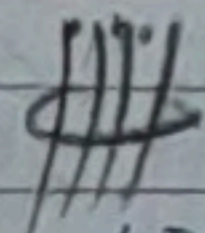
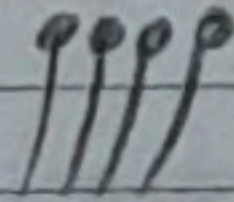
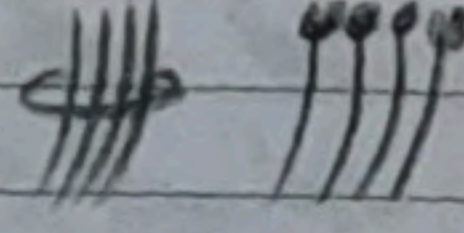
 $10 + 1 = 11$



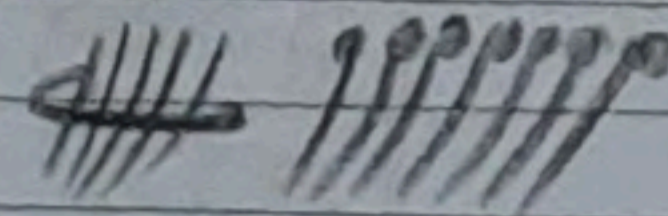
 $10 + 2 = 12$

 $10 + 3 = 13$

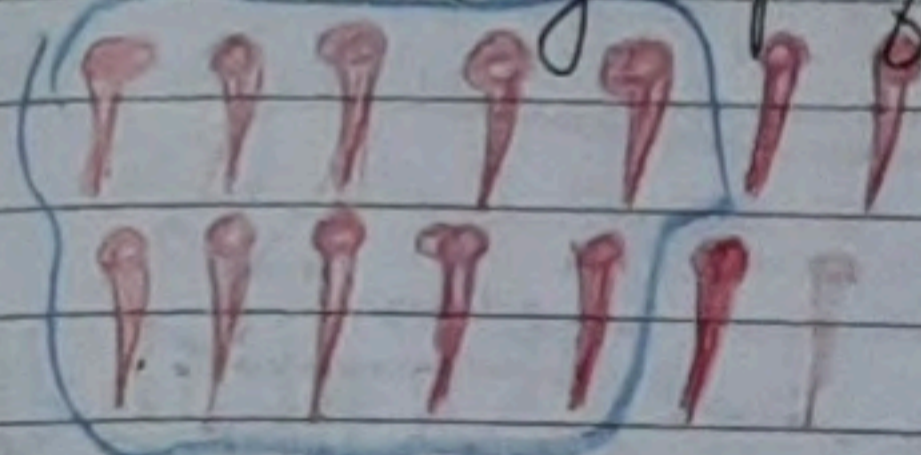




 $10 + 4 = 14$

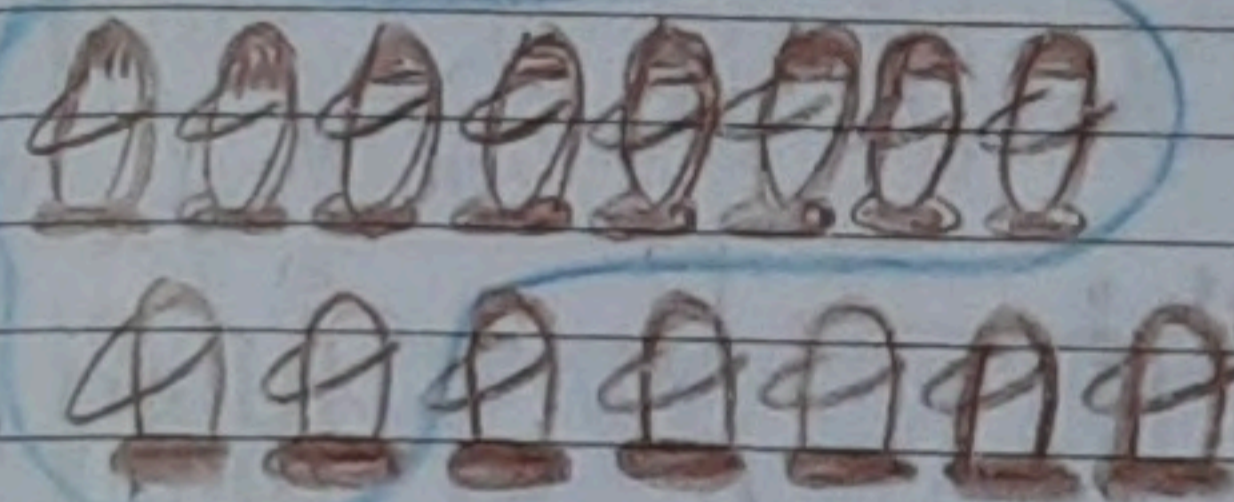




 $10 + 7 = 17$

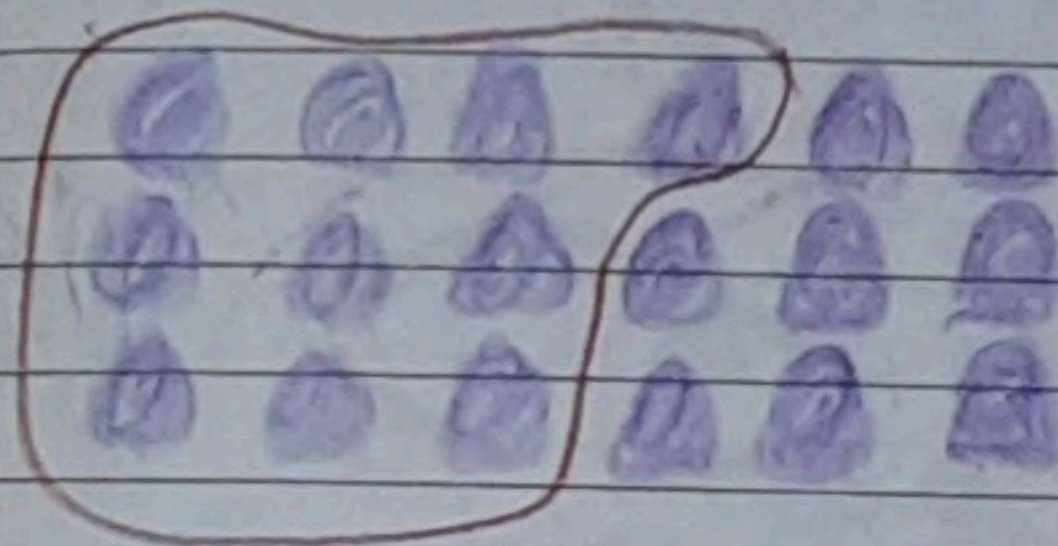
Make a group of 10. & write numbers.
Total



Ten ones
1 3



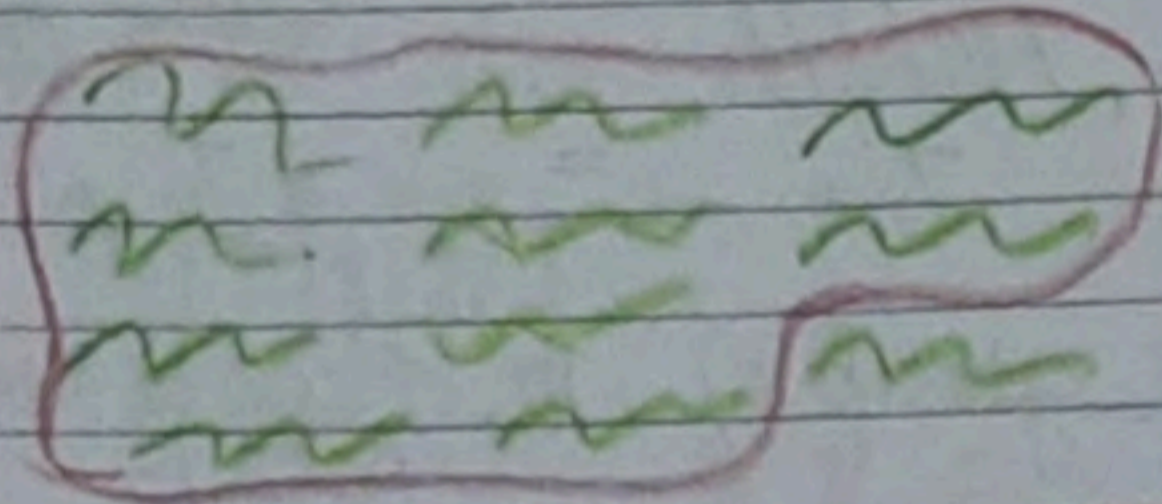
Total
Ten ones
1 5



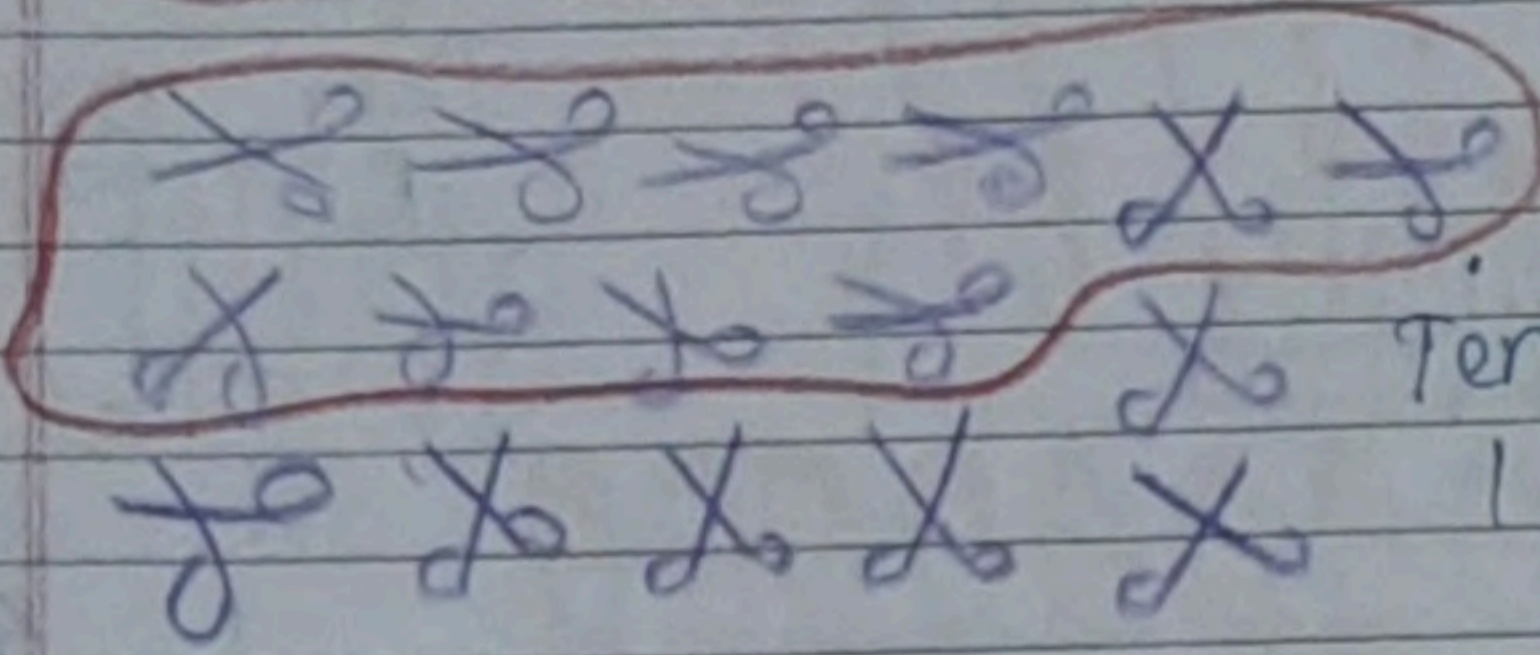
Total
Ten ones
1 8



Ten ones
1 9



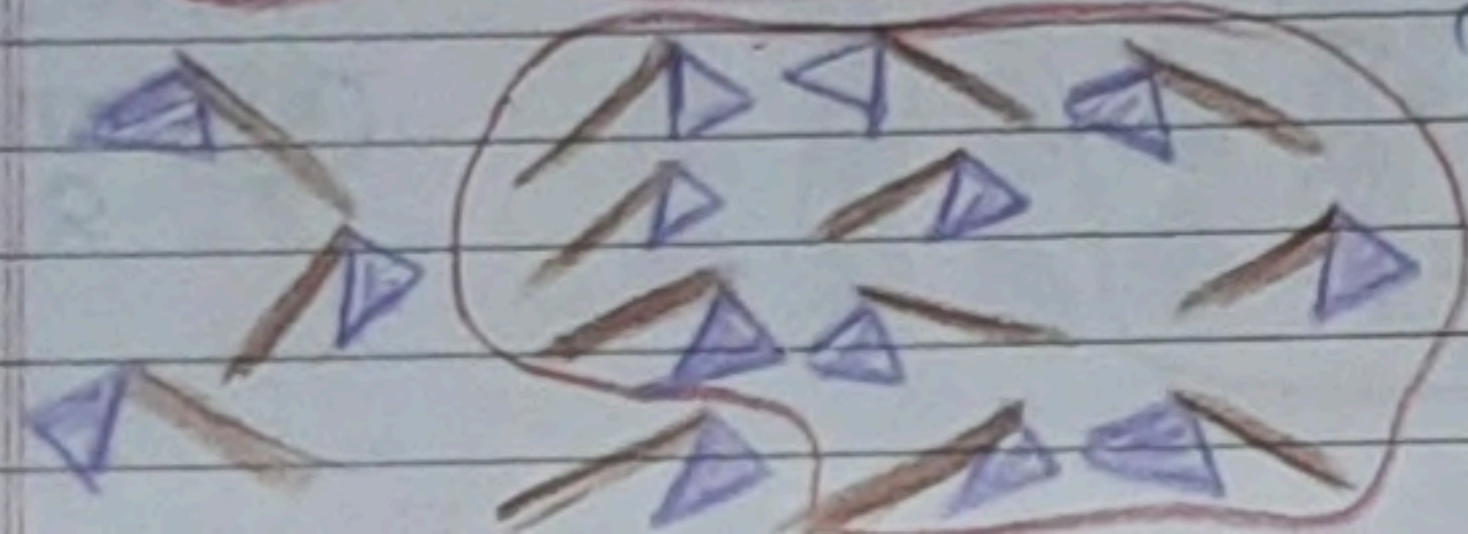
Ten ones
1 1



Ten ones
1 6



Ten ones
1 3



Ten ones
1 4

Complete the table

	16	16	16	16	16
	16	16	16	16	16
Ten ones	16	16	16	16	16
= 16.	16	16	16	16	16

	17	17	17	17	17
	17	17	17	17	17
Ten ones	17	17	17	17	17
= 17					

	18	18	18	18	18
	18	18	18	18	18
Ten ones	18	18	18	18	18
= 18					

	19	19	19	19	19
	19	19	19	19	19
Ten ones	19	19	19	19	19
19					

	20	20	20	20	20
	20	20	20	20	20
Ten + Ten	20	20	20	20	20
= 20.					

Tick the group that has more objects.

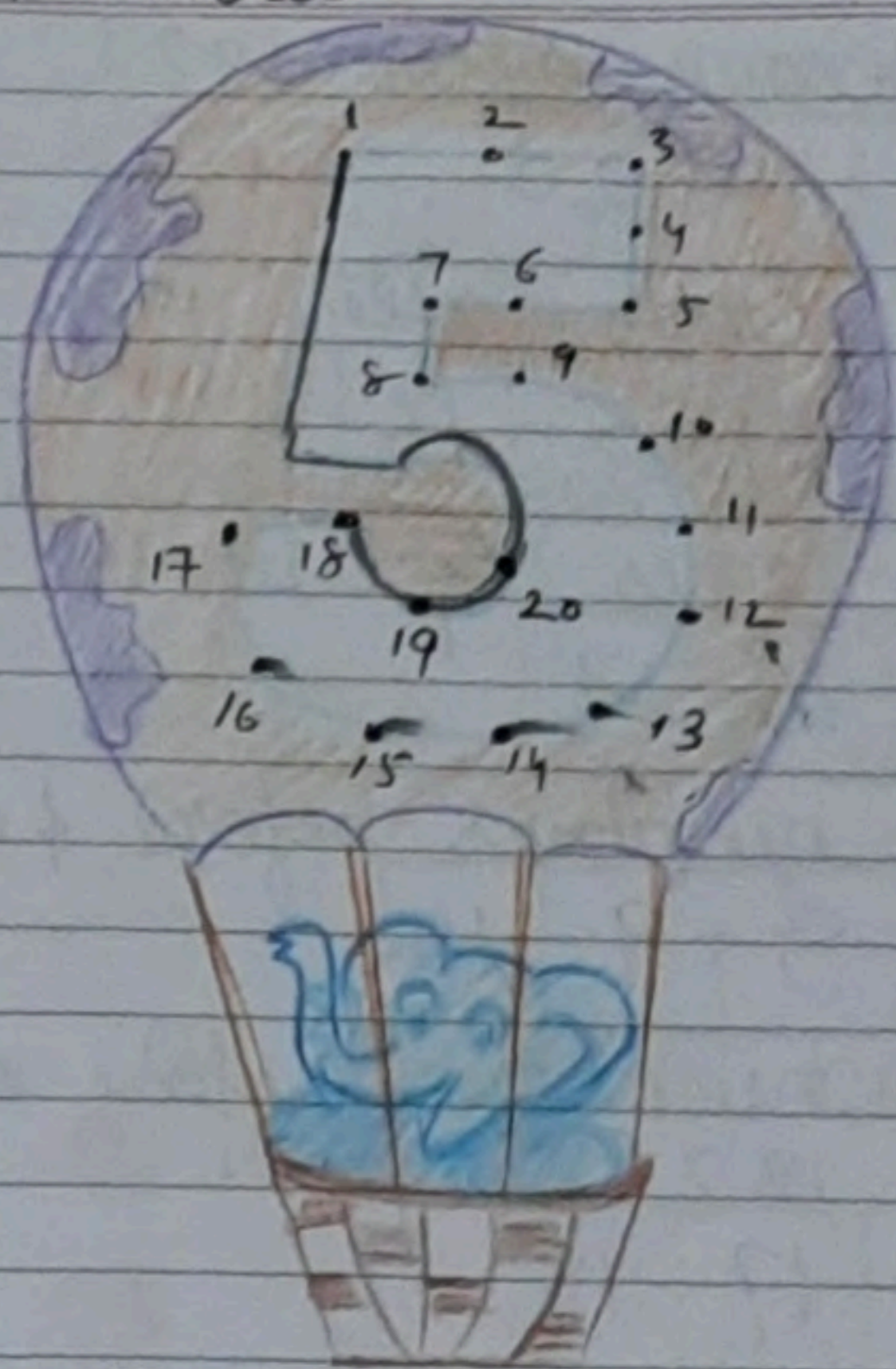
	more	less	
14			13

	14	16	
--	----	----	--

	15	11	
--	----	----	--

	17	19	
--	----	----	--

Join in order



write the missing numbers.

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

16	17	18
----	----	----

13	14	15
----	----	----

What comes after 18?

18	19	20
----	----	----

What comes after 14?

14	15	16
----	----	----

What comes before 16?

15	16	17
----	----	----

Write numbers before & after 9?

8	9	10
---	---	----

Write numbers before and after 18?

17	18	19
----	----	----

Write numbers before and after 10?

9	10	11
---	----	----

Circle the bigger number

11	13	13	15	18	8
12	8	17	7	11	10
16	6	1	11	9	19

Circle the smaller number

20	10	6	4	10	12
11	9	5	15	12	2
16	17	9	10	15	13

Circle the biggest number

13	3	9	12	15	20
10	5	12	11	12	13
19	18	17	13	16	14

Circle the smallest number

7	2	4	14	16	12
15	7	20	19	8	9
1	10	20	16	15	14

Addition.

$$4 + 5 = 9 \quad 0 + 3 = 3$$

$$5 + 2 = 7 \quad 6 + 2 = 8$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 0 \\ + 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$$

$$8 + 7 = 15 \quad 11 + 5 = 16$$

$$9 + 9 = 18 \quad 4 + 12 = 16$$

$$8 + 5 = 13 \quad 13 + 5 = 18$$

$$6 + 7 = 13 \quad 0 + 14 = 14$$

$$\begin{array}{r} 5 \\ + 9 \\ \hline 14 \end{array} \quad \begin{array}{r} 7 \\ + 8 \\ \hline 15 \end{array} \quad \begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array} \quad \begin{array}{r} 12 \\ + 7 \\ \hline 19 \end{array}$$

Rahul has 8 pencils, Sonu has 7 pencils. How many pencils do they have altogether?

Rahul has pencils = 8

Sonu has pencils = 7

Total pencils = 15 pencils

Farida plucked 4 apples, Sita plucked 6 apples. Both put them together. How many apples are there now?

Farida plucked apples = 4

Sita plucked apples = 6

Together they plucked 10 apples

Subtraction

$$7 - 4 = 3$$

$$9 - 8 = 1$$

$$2 - 2 = 0$$

$$6 - 2 = 4$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 4 \\ - 0 \\ \hline 4 \end{array}$$

$$15 - 4 = 11$$

$$17 - 2 = 15$$

$$19 - 7 = 12$$

$$12 - 1 = 11$$

$$18 - 8 = 10$$

$$14 - 3 = 11$$

$$17 - 5 = 12$$

$$12 - 4 = 8$$

$$11 - 1 = 10$$

$$13 - 0 = 13$$

$$\begin{array}{r} 17 \\ - 4 \\ \hline 13 \end{array} \quad \begin{array}{r} 18 \\ - 3 \\ \hline 15 \end{array} \quad \begin{array}{r} 15 \\ - 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 19 \\ - 8 \\ \hline 11 \end{array} \quad \begin{array}{r} 14 \\ - 4 \\ \hline 10 \end{array} \quad \begin{array}{r} 13 \\ - 6 \\ \hline 07 \end{array}$$

Ques 1) Sohan's mother brought 9 bananas from the market she gave 4 bananas to Sohan. How many bananas was she left with?

$$\begin{array}{r} \text{Bananas bought} = 9 \\ \text{Take away Sohan} = -4 \\ \hline 5 \end{array}$$

She is left with 5 bananas.

Ques 2) Rahim had 8 flowers. He put three flowers in a vase. How many flowers was he left with?

$$\begin{array}{r} \text{Flower with Rahim} = 8 \\ \text{Take away in vase} = -3 \\ \hline 5 \end{array}$$

Flowers left with him = 5.

Addition practice

$3 + 7 = 10$

$7 + 6 = 13$

$5 + 8 = 13$

$9 + 2 = 11$

$6 + 8 = 14$

$8 + 7 = 15$

$9 + 9 = 18$

$4 + 8 = 12$

Subtraction practice

$13 - 7 = 6$

$16 - 6 = 10$

$15 - 3 = 12$

$12 - 0 = 12$

$19 - 6 = 13$

$14 - 3 = 11$

$17 - 4 = 13$

$18 - 7 = 11$

Notes from the lesson.
for statement questions.

* Altogether, together words denote addition.

* Take away, less, left; gave denotes subtraction.

TIME

Tick '✓' the activities that you do in the morning.

Bathing, Brushing the teeth,

Tick '✓' the activities that you do in the evening.

Playing, coming back from school.

Tick '✓' the activities that you do in the day?

Eating,

Tick '✓' the activities that you do at night.

Sleeping, dreaming, Studying

Number the activities in sequence.

child 6 Eating

4

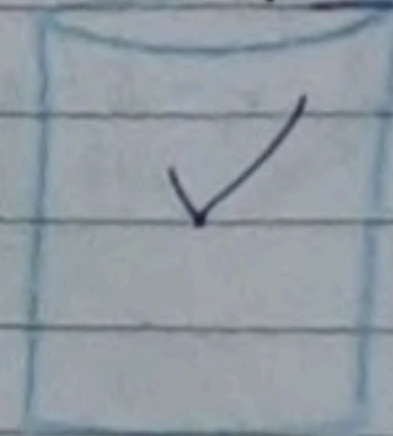
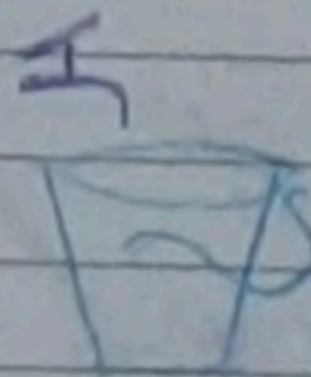
5

3

2

1

Tick the activities that will take longer.



Big drum will take longer.



walking will take longer



How much time do you take	
Get ready for school	1 hour
Eat breakfast	half hour
Read a story in school	half hour
Eat lunch	half hour
Play	one hour
Study	two hour
Go to bed and sleep	half hour.

CHAPTER - 7

classmate

Date

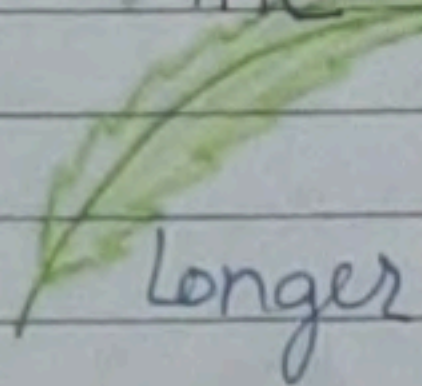
55

Page

MEASUREMENT

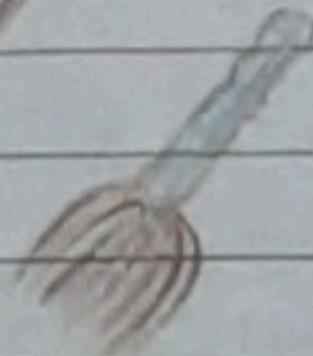
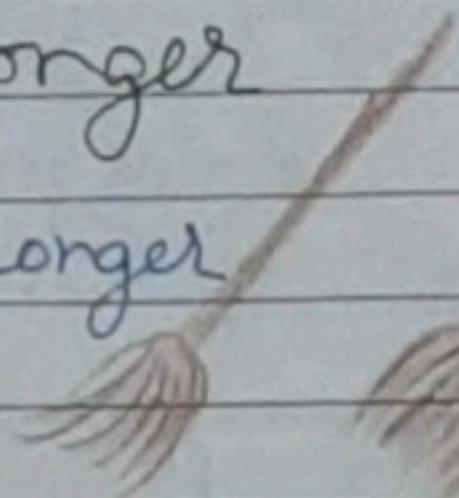
Longer - shorter.

Tick 'v' the Longer

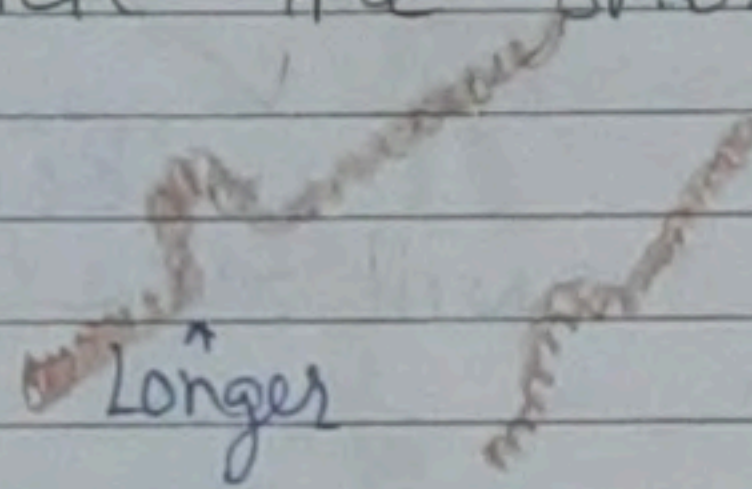


longer

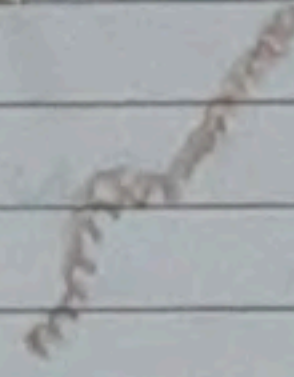
Longer



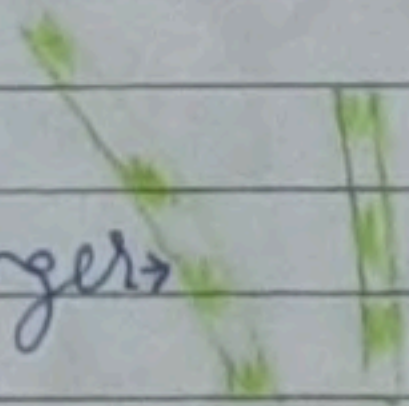
Tick the shorter



longer

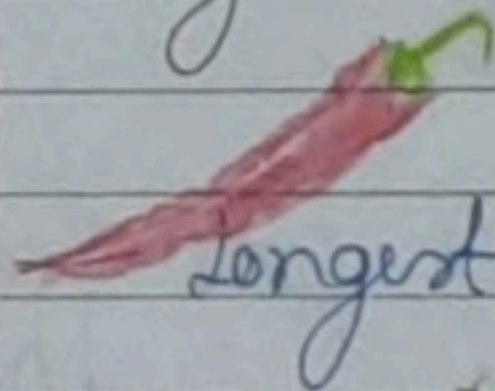


longer



Longest - shortest.

1)

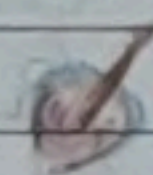
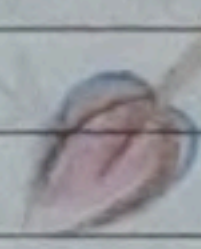
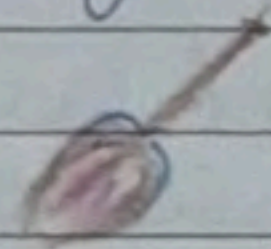


longest



shortest

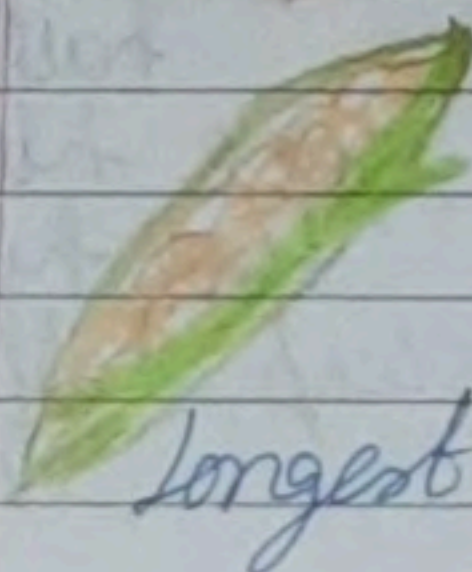
2)



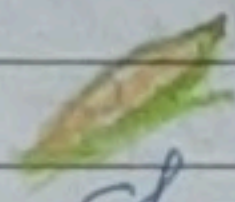
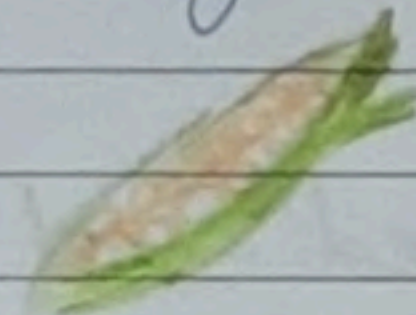
longest

shortest.

3)



longest



shortest

classmate

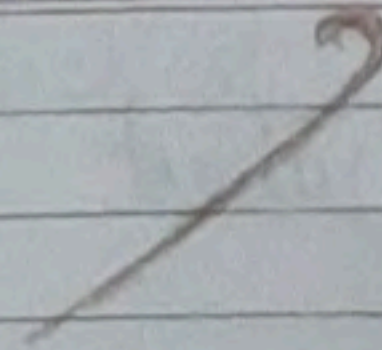
Date

56

Page

Tick 'v' the shortest.

4)

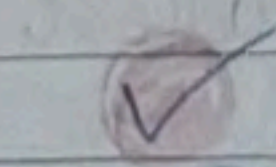


shortest

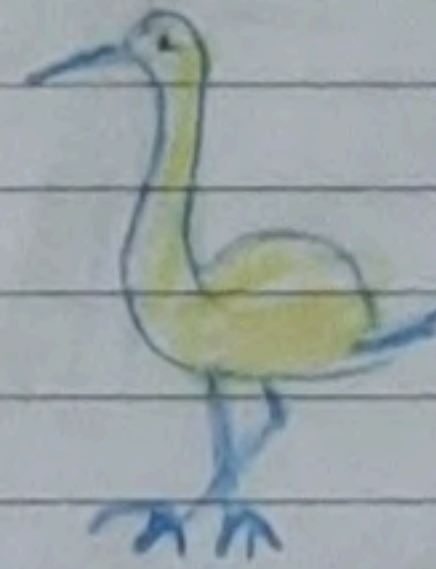


Taller - shorter

Tick 'v' the Taller



shorter



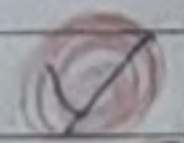
Taller



Taller



shorter



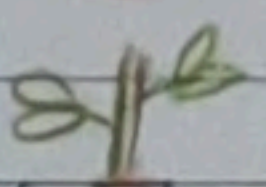
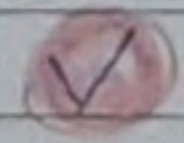
shorter



Taller

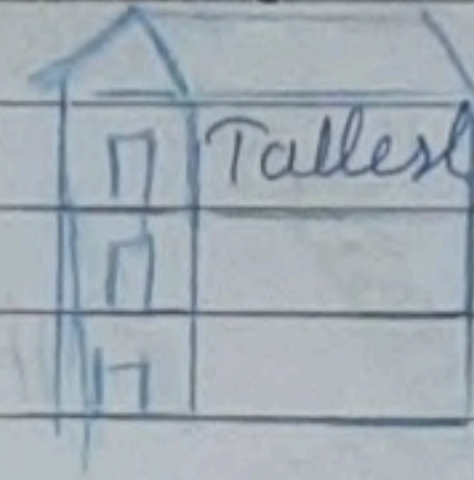


Taller



shorter

Tallest - shortest.



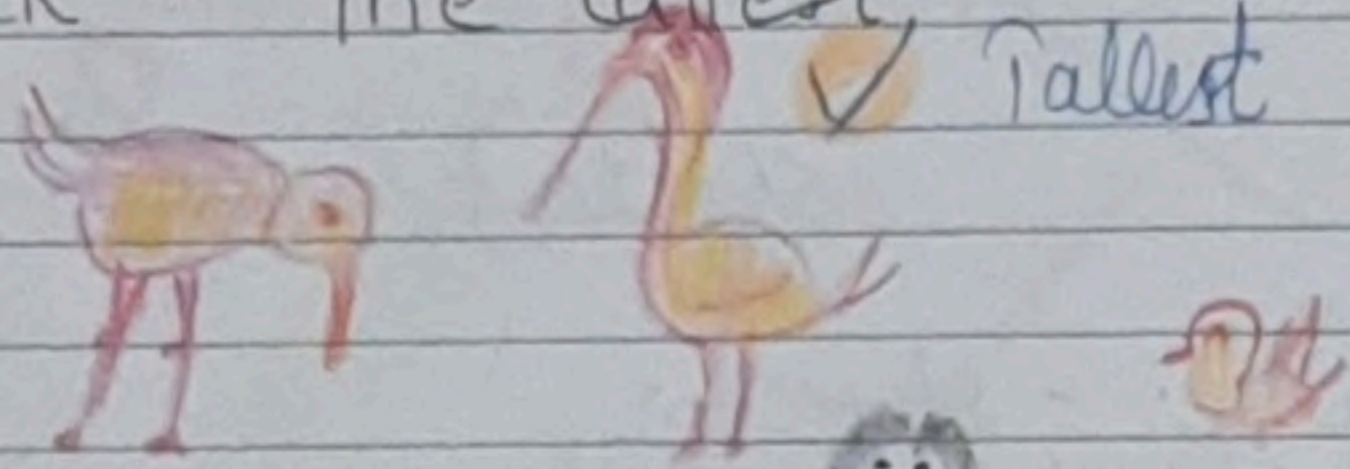
Tallest



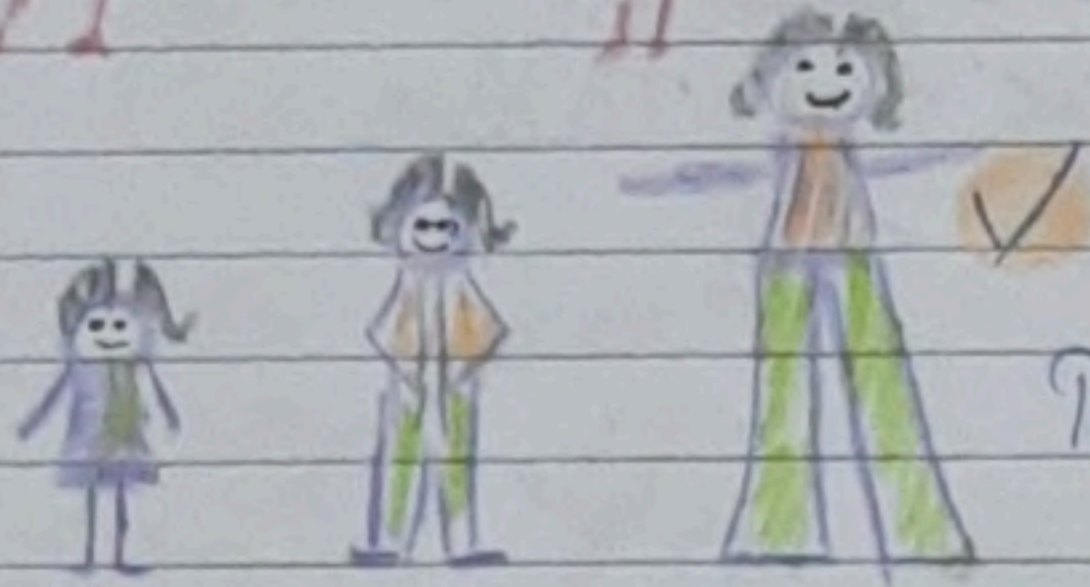
shortest



Tick '✓' the tallest.

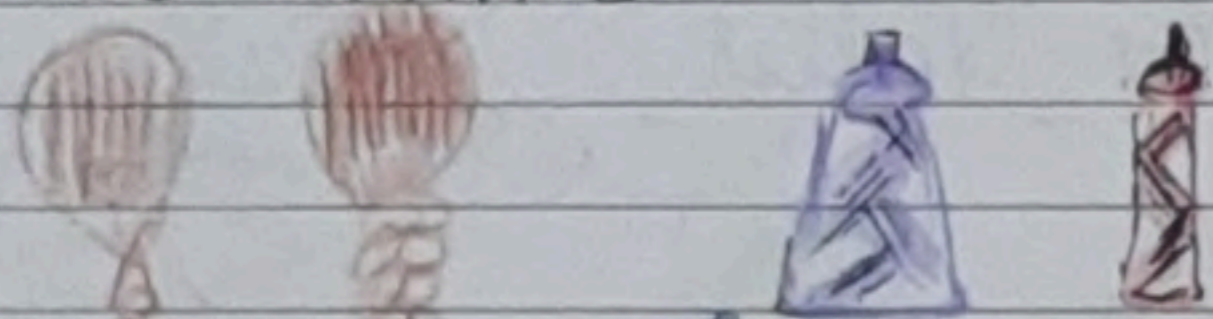


Tallest



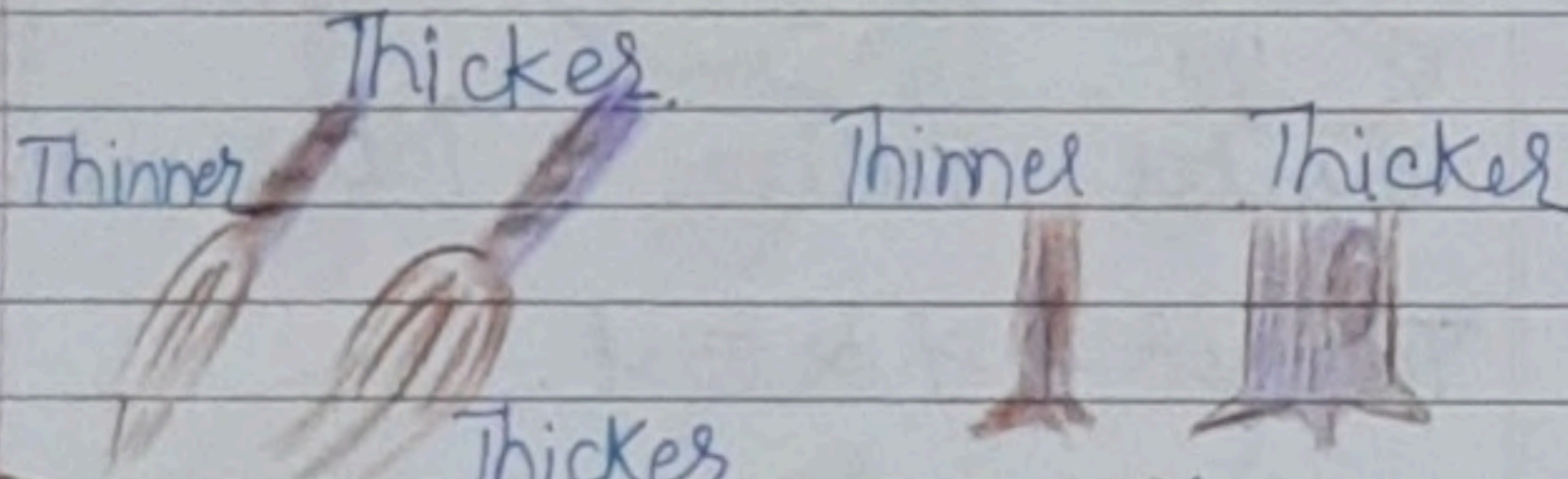
Tallest

Thicker - Thinner



Thinner

Thicker Thinner

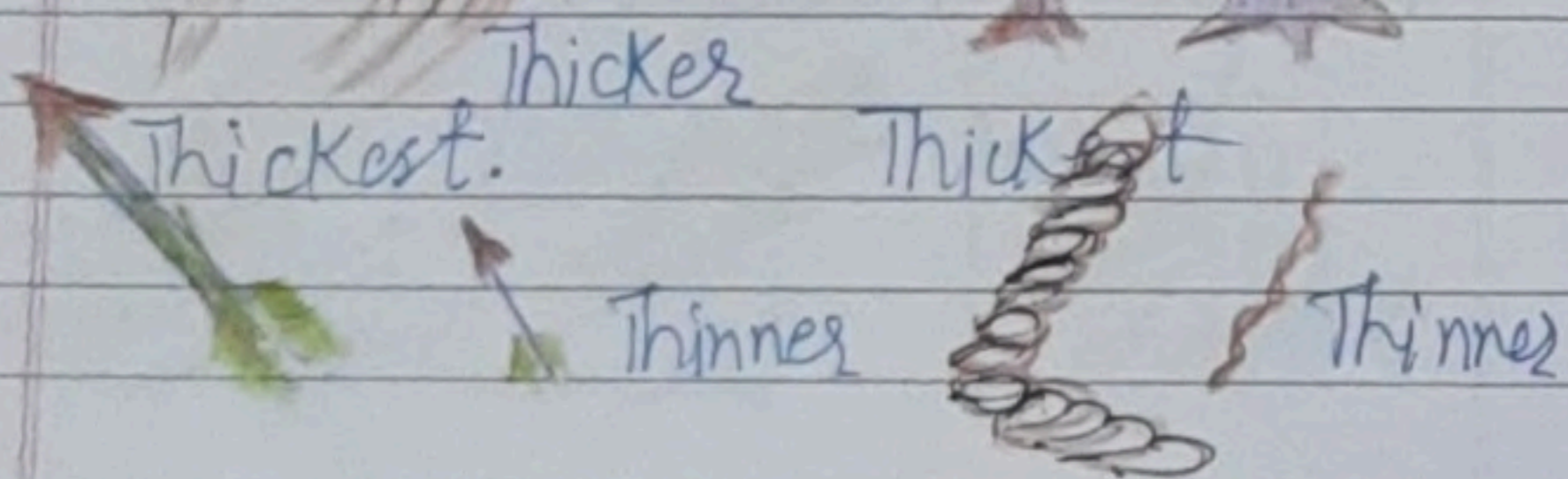


Thicker

Thinner

Thinner

Thicker



Thickest.

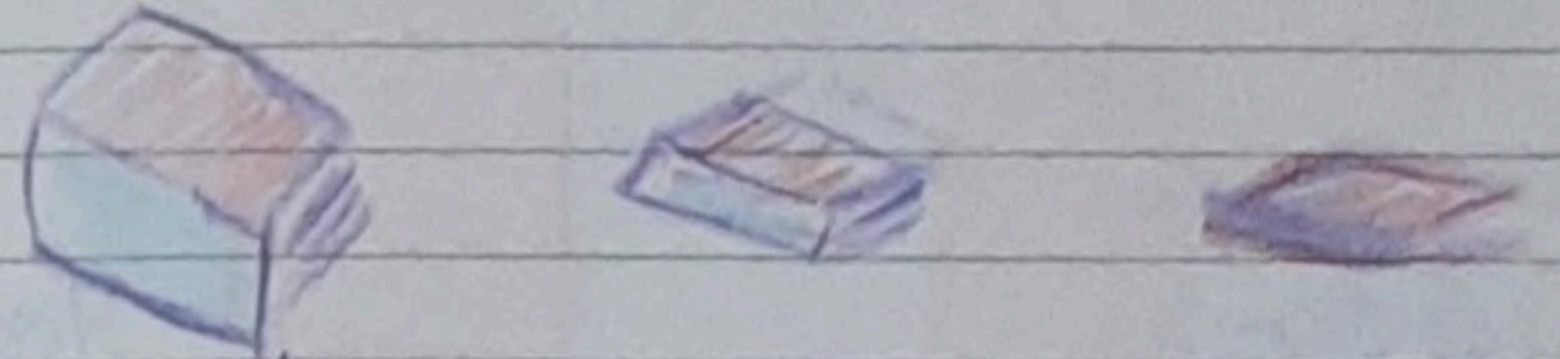
Thicker

Thicker

Thinner

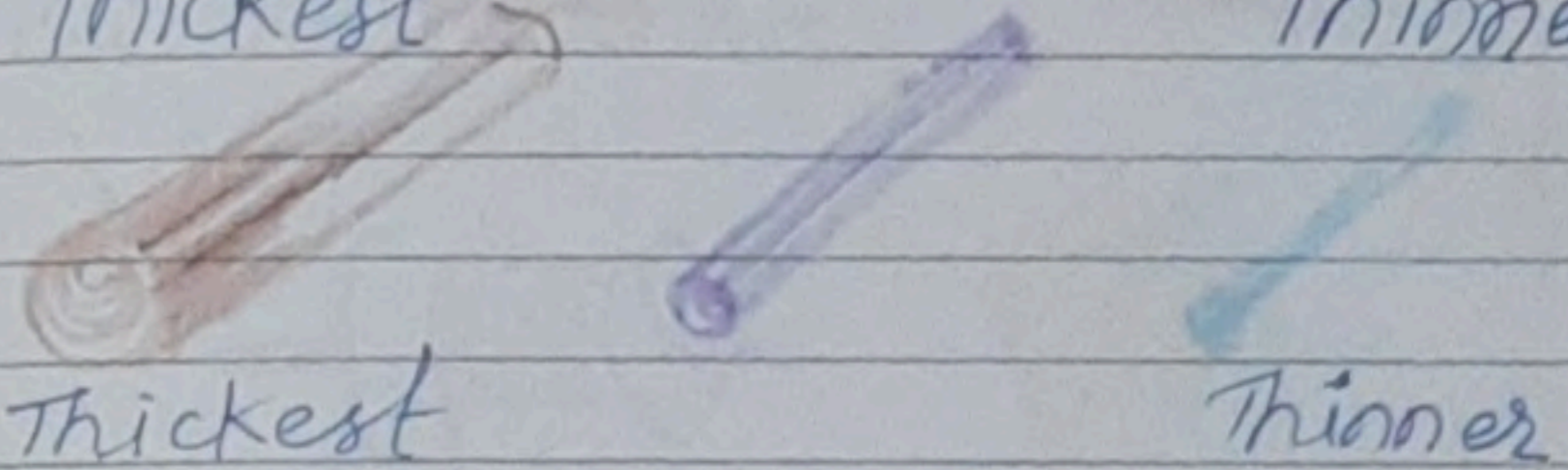
Thinner

Thickest - Thinnest



Thickest

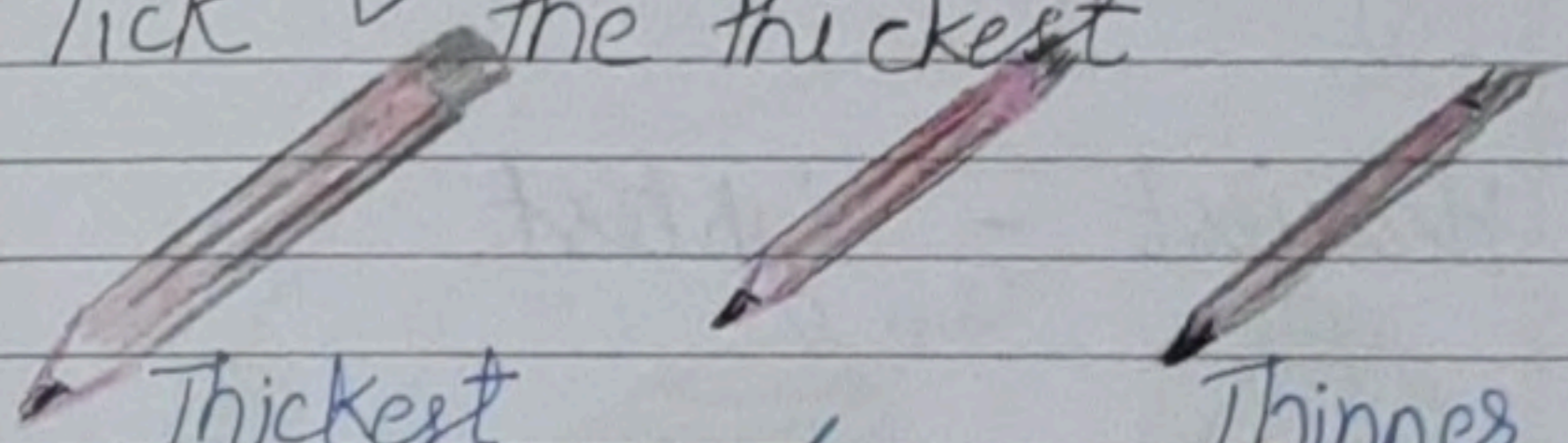
Thinner



Thickest

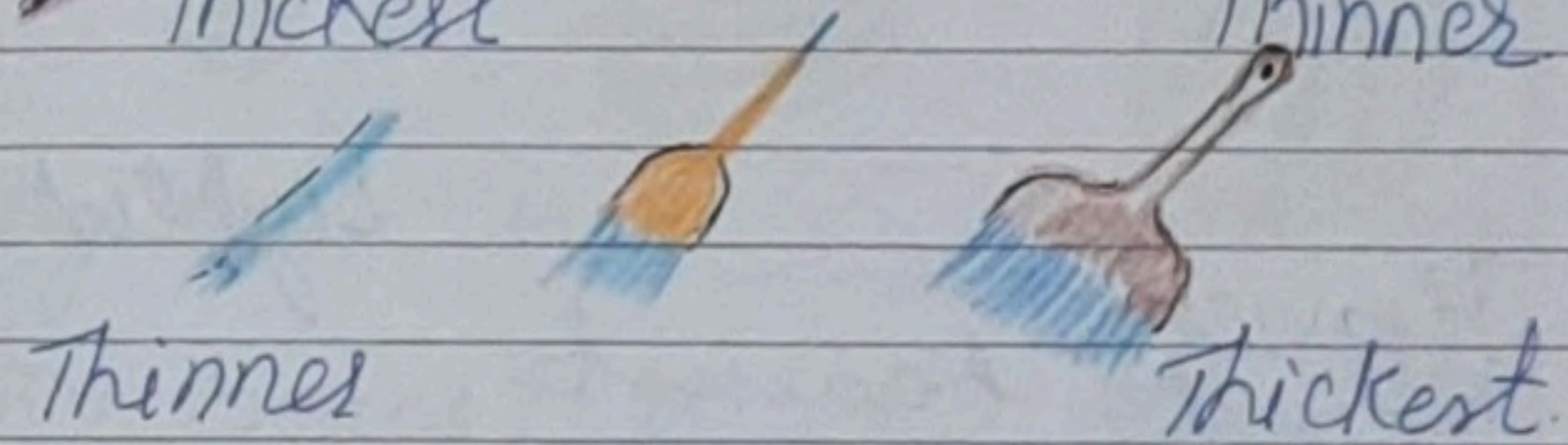
Thinner

Tick '✓' the thickest



Thickest

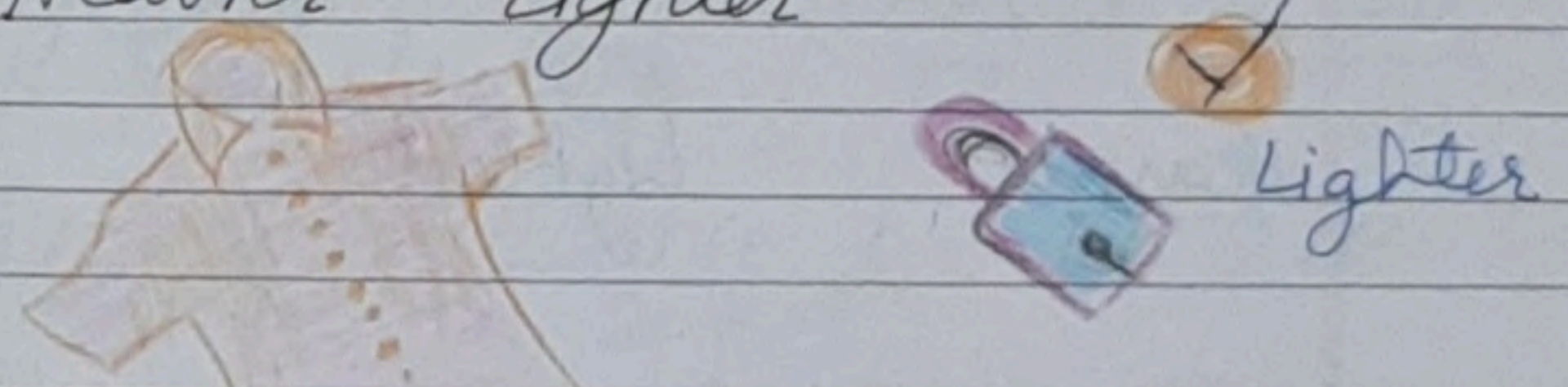
Thinner



Thinner

Thickest.

Heavier - Lighter



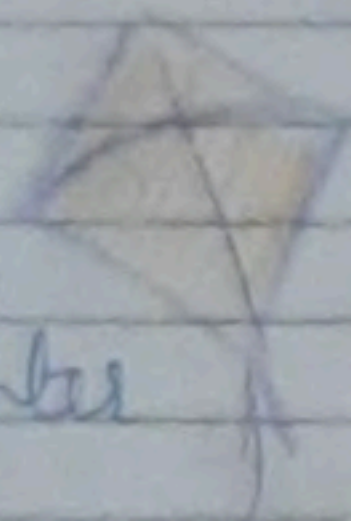
Lighter



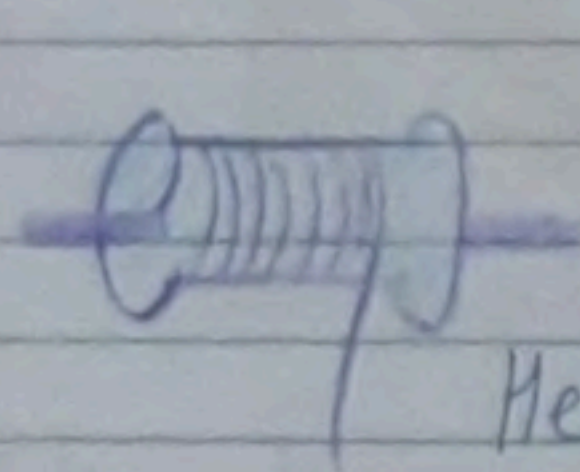
Lightest



Heavier



Lighter



Heavier

Heaviest - Lightest

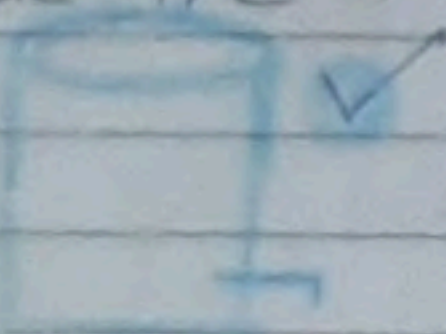


Heaviest

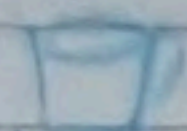


Lightest

Tick the heaviest.



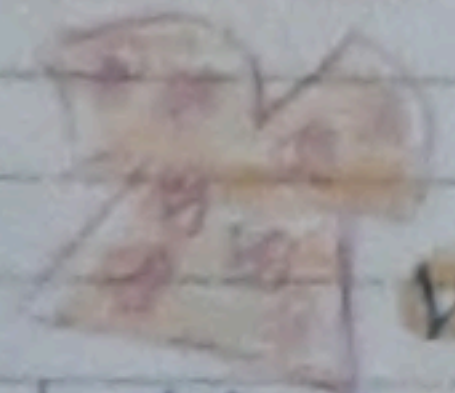
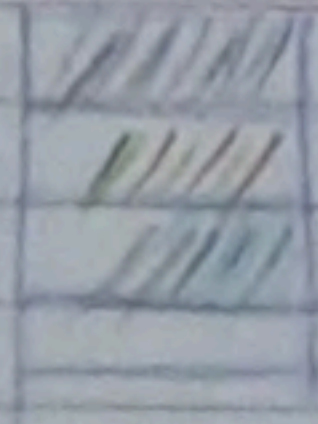
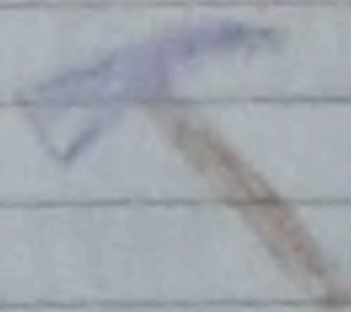
Heaviest



Lightest

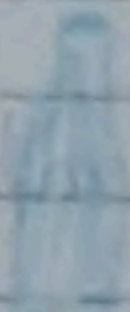
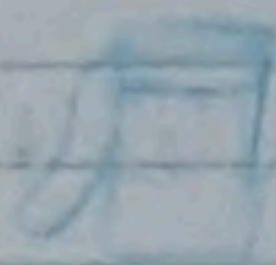


Tick the lightest.



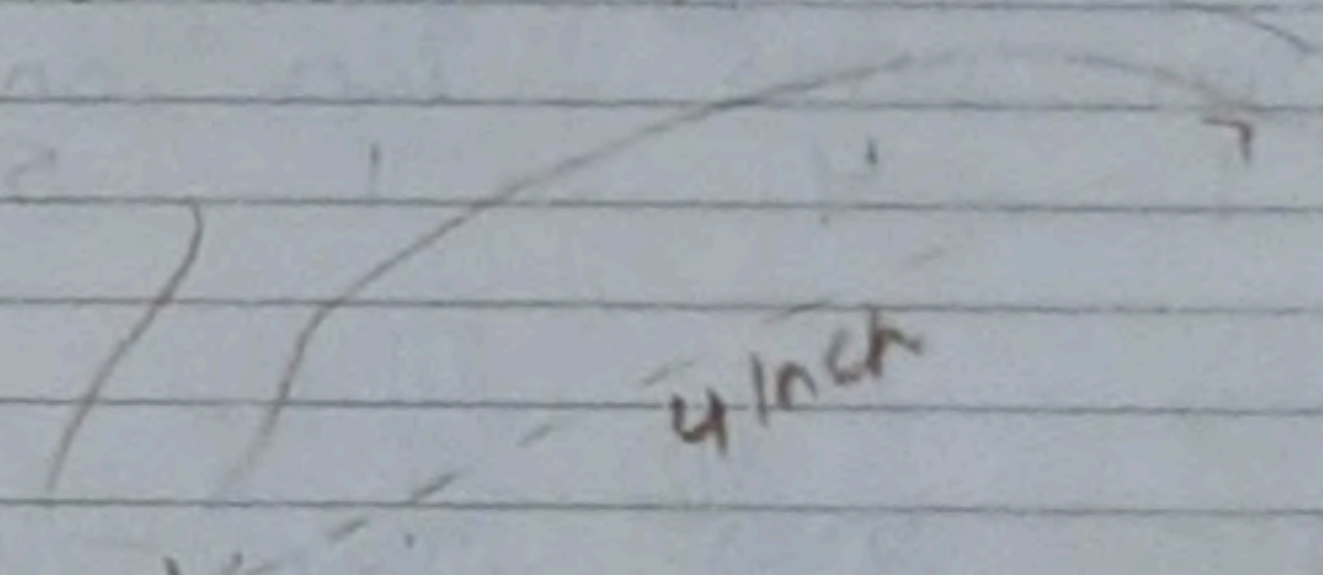
Lightest.

Tick the heaviest



Heaviest

Measurement.



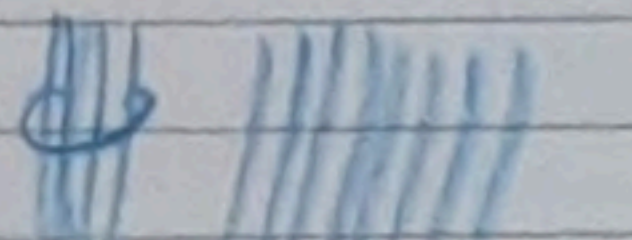
My table is 5 span long

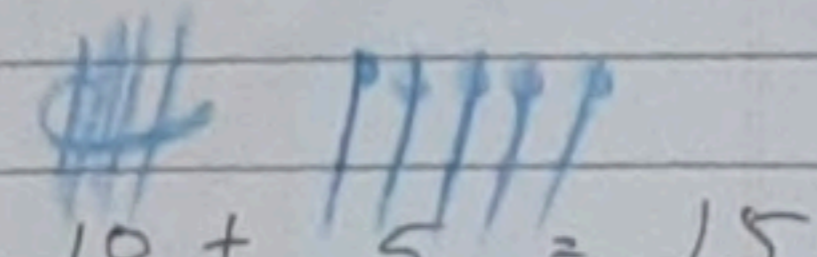
My pencil is 1 span long

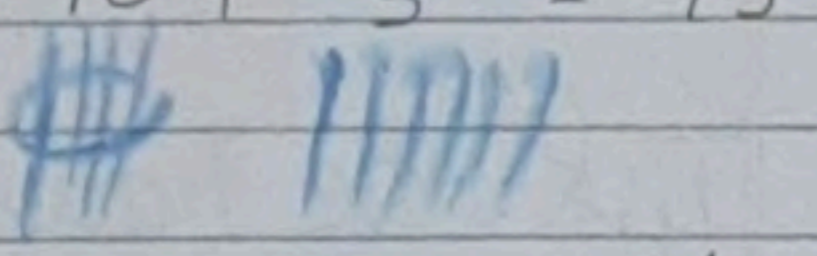
My classroom blackboard is 20 pencils long.

Guess the distance b/w two trees
Answer - 20 feet.

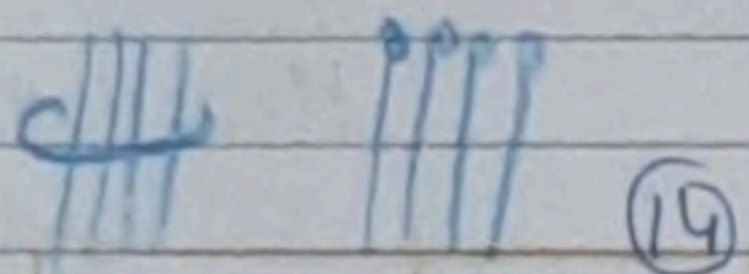
NUMBERS FROM TWENTY-ONE

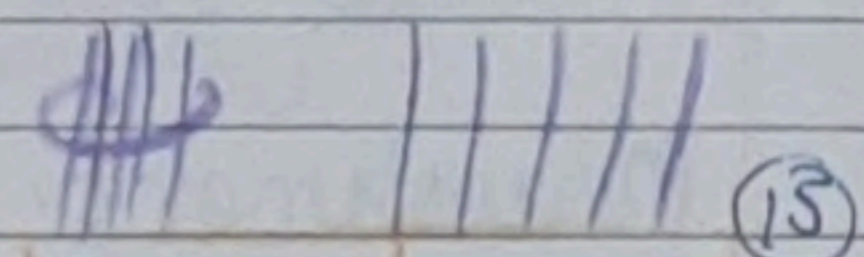

10 + 8 = 18

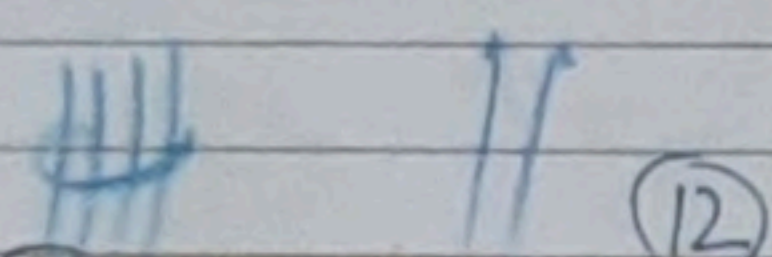

10 + 5 = 15

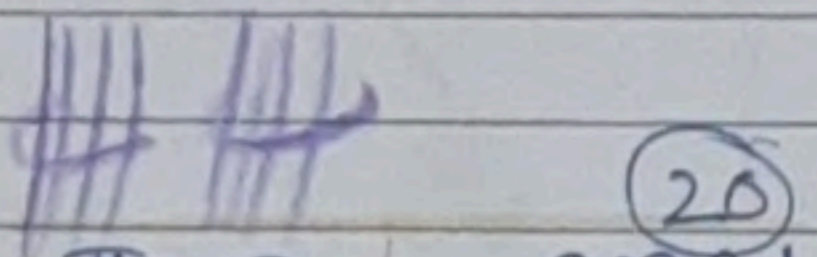

10 + 6 = 16


write the numbers. Bundles & ones

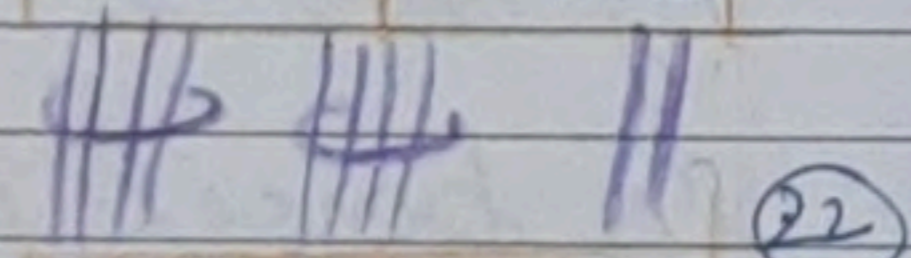
1)  (14)
Ten ones
1 4

 (15)
Ten ones
1 5

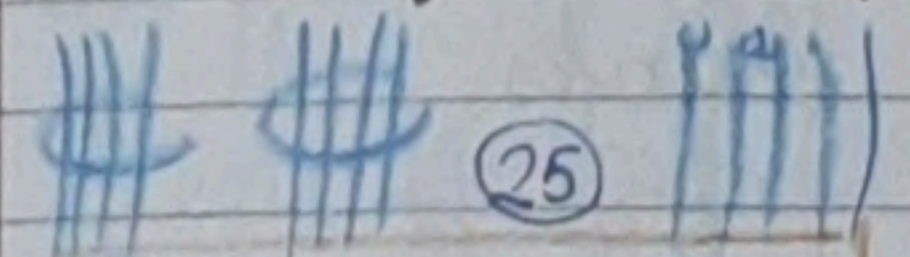
3)  (12)
Ten ones
1 2

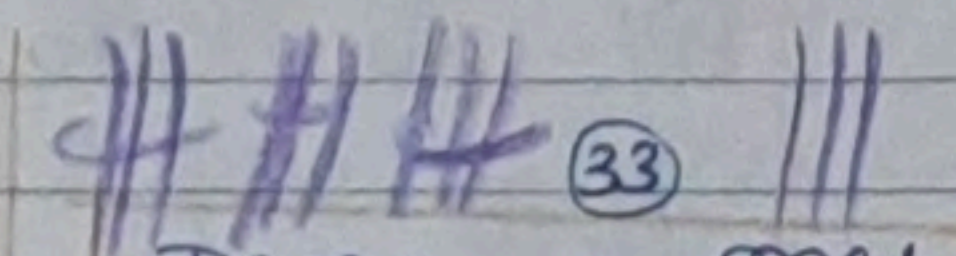
 (20)
Ten ones
2 0

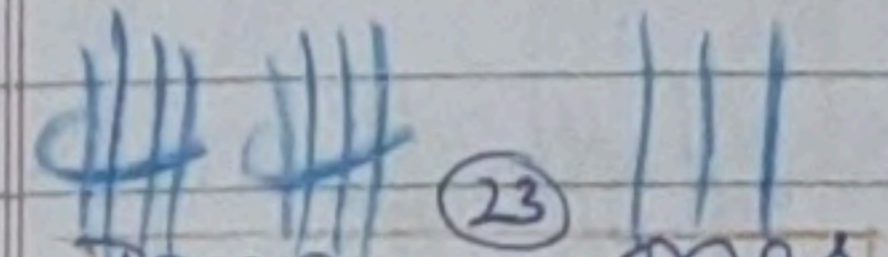
5)  (19)
Ten ones
1 9

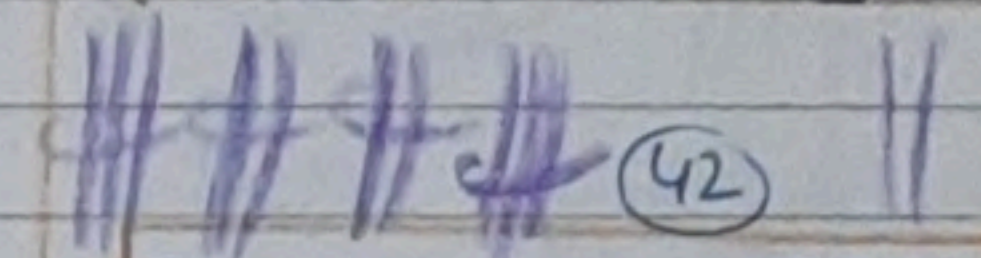
 (22)
Ten ones
2 2

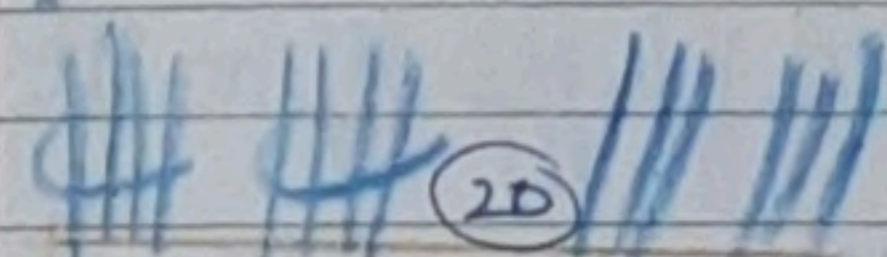
write the number

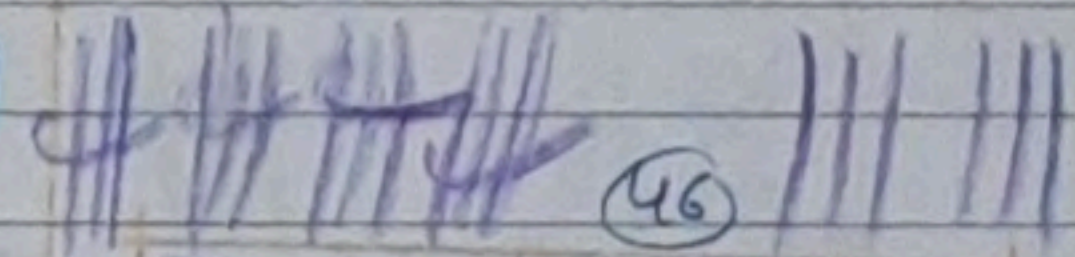
 (25)
Tens ones
2 5

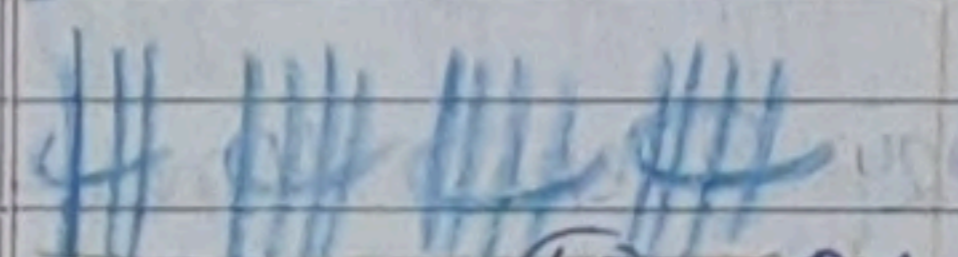
 (33)
Tens ones
3 3

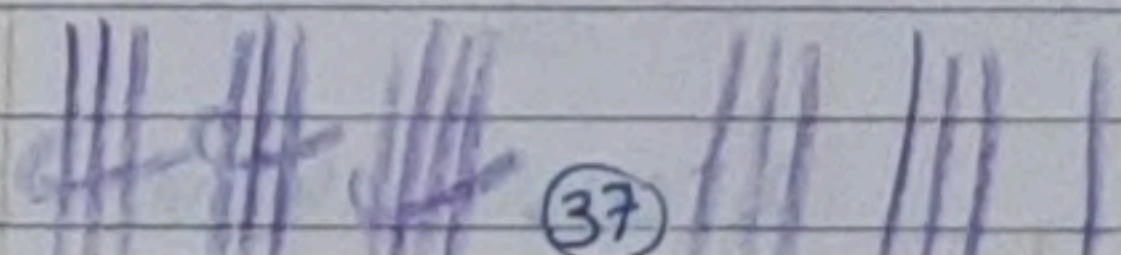
 (23)
Tens ones
2 3

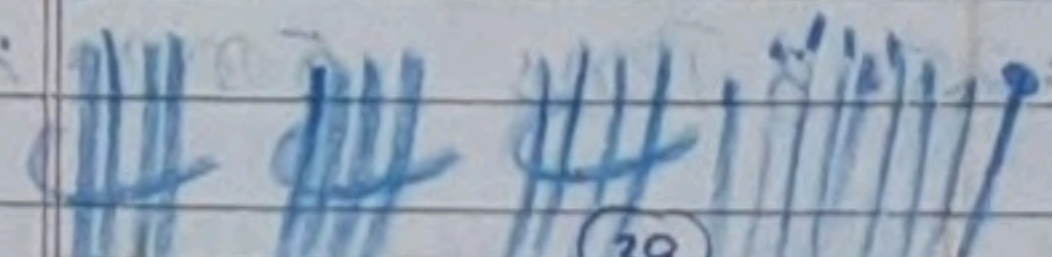
 (42)
Tens ones
4 2

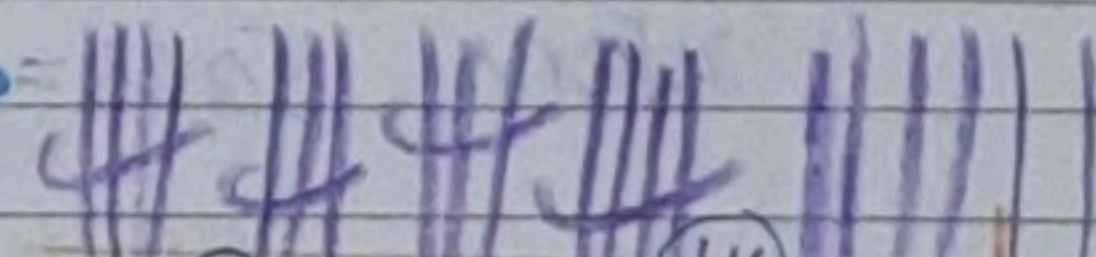
 (26)
Tens ones
2 6

 (46)
Tens ones
4 6

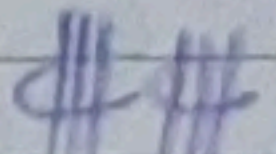
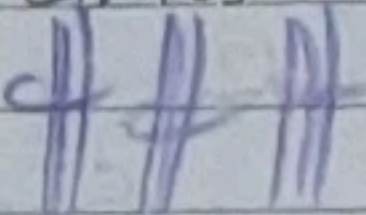
 (40)
Tens ones
4 0

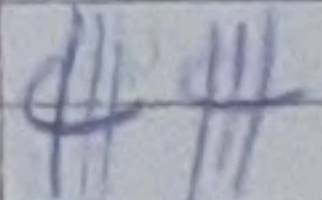
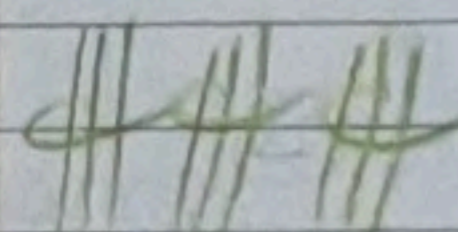
 (37)
Tens ones
3 7

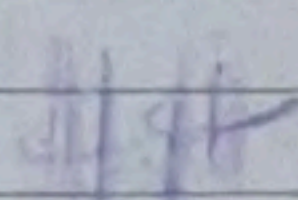
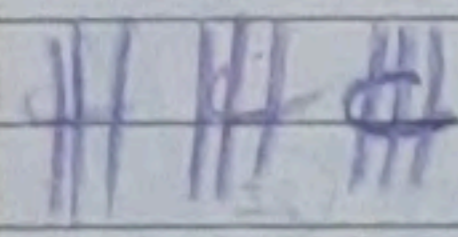
 (39)
Tens ones
3 9

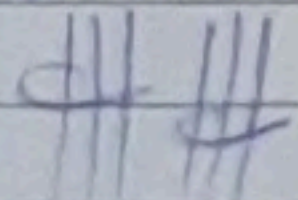
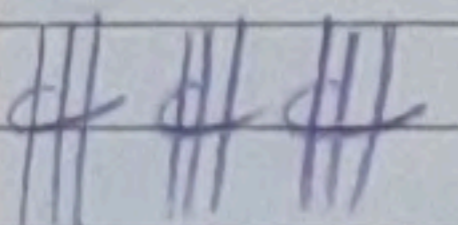
 (46)
Tens ones
4 6

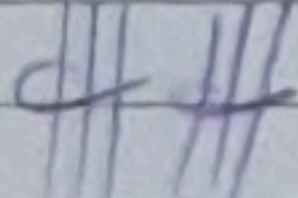
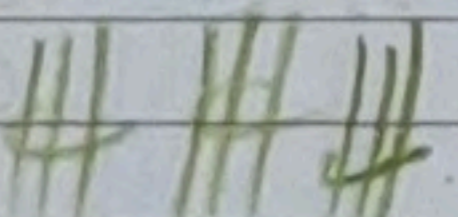
Numbers from 21 to 40
Fill in the blanks

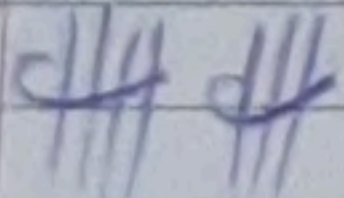
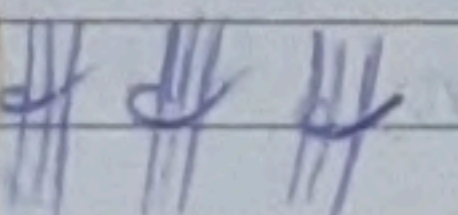
 |  |
2 Tens 1 one = 21 | 3 Tens 1 one = 31

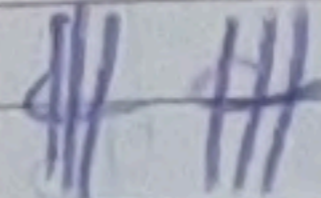
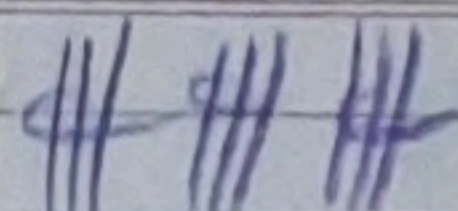
 ||  ||
2 Tens 2 ones = 22 | 3 Tens 2 ones = 32

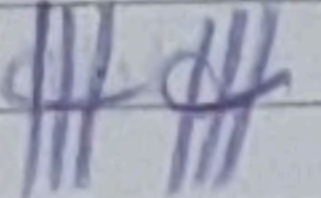
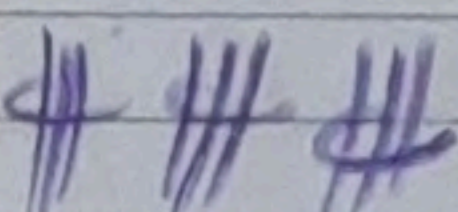
 |||  |||
2 Tens 3 ones = 23 | 3 Tens 3 ones = 33

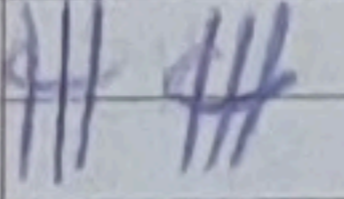
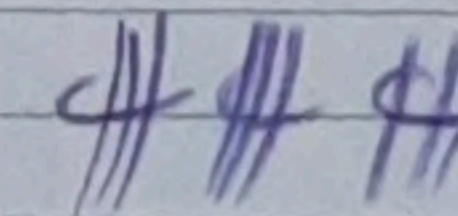
 ||||  ||||
2 Tens 4 ones = 24 | 3 Tens 4 ones = 34

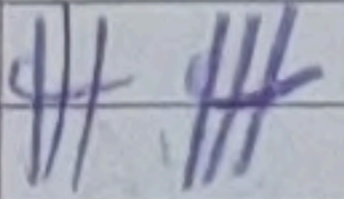
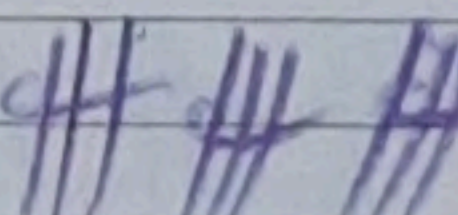
 |||||  |||||
2 Tens 5 ones = 25 | 3 Tens 5 ones = 35

 |||||  |||||
2 Tens 6 ones = 26 | 3 Tens 6 ones = 36

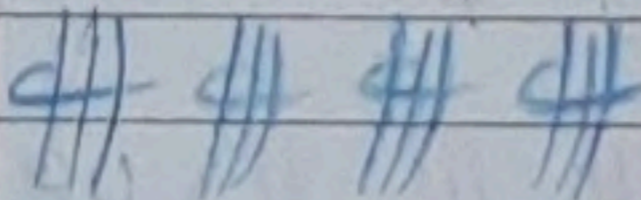
 |||||  |||||
2 Tens 7 ones = 27 | 3 Tens 7 ones = 37


 |||||  |||||
2 Tens 8 ones = 28 | 3 Tens 8 ones = 38


 |||||  |||||
2 Tens 9 ones = 29 | 3 Tens 9 ones = 39

 |||||  |||||
2 tens 10 ones = 30 | 3 Tens 10 ones = 40


Numbers from 41 to 50
Fill in the blanks.

 | 41
Tens = 4 | ones = 1

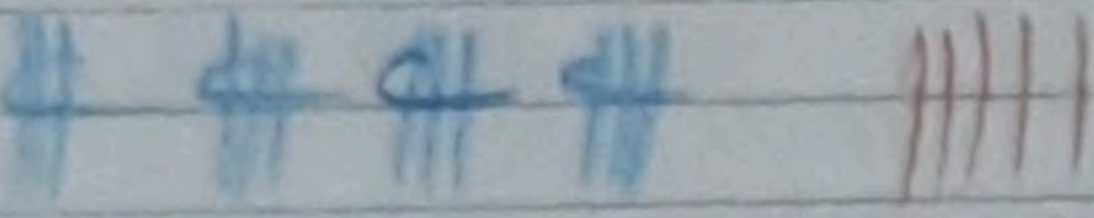
 || 42
Tens = 4 | ones = 2



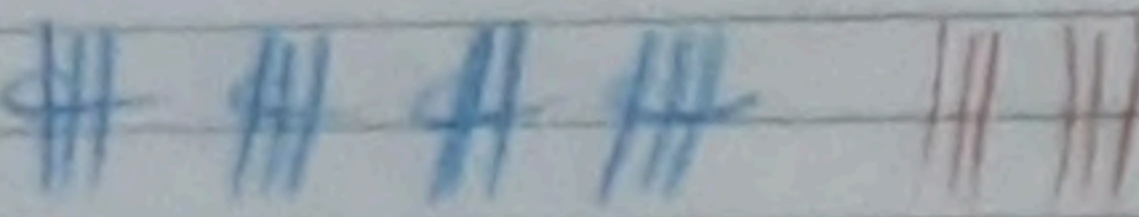
 Tens = 4 ones = 3 43



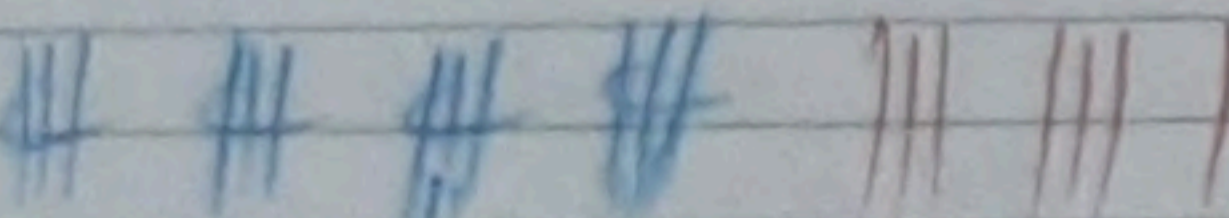
 Tens = 4 ones = 4 44




 Tens = 4 ones = 5 45



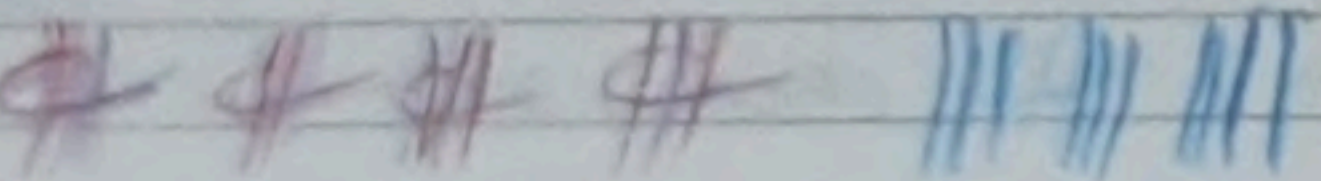
 Tens = 4 ones = 6 46



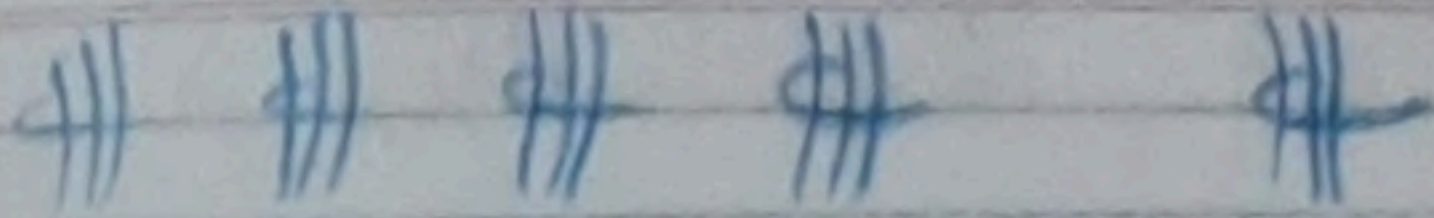
 Tens = 4 ones = 7 47



 Tens = 4 ones = 8 48



 Tens = 4 ones = 9 49



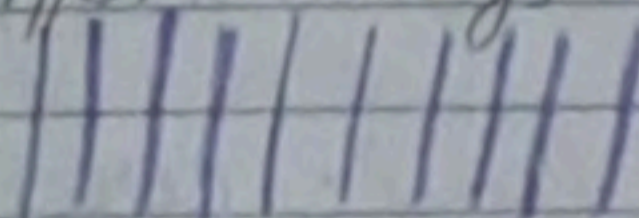
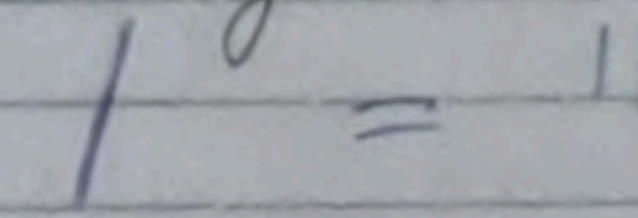
 Tens = 5 ones = 0 50

write the missing numbers.



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Notes:

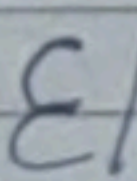
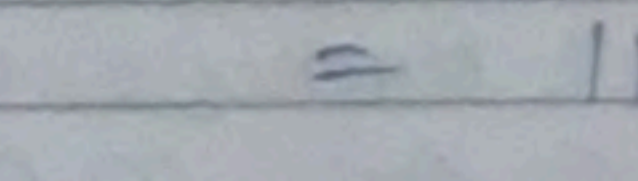
Different ways of writing 11


 OR
 
 = 11

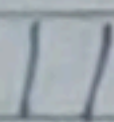
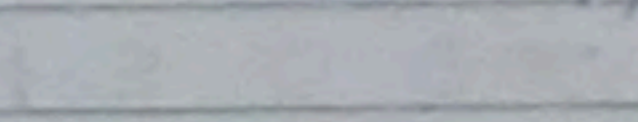
OR


 OR
 
 = 11

OR


 OR
 
 = 11

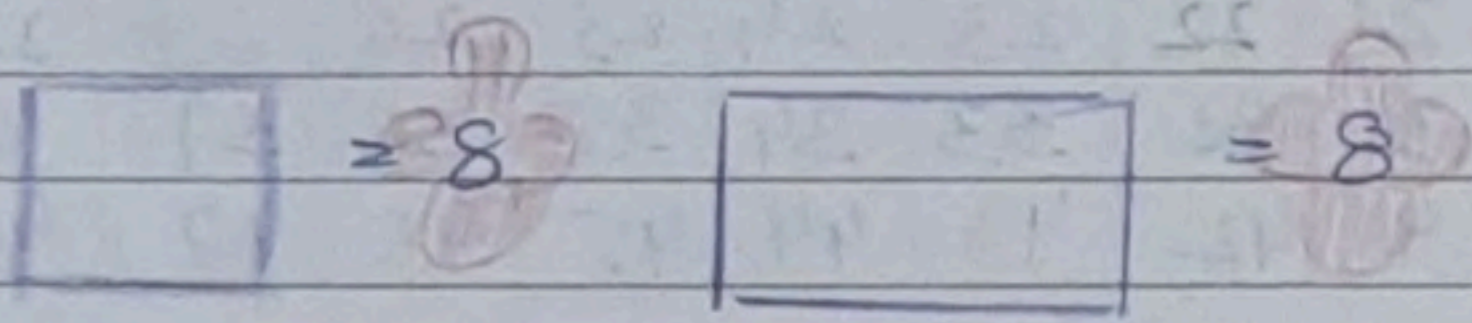
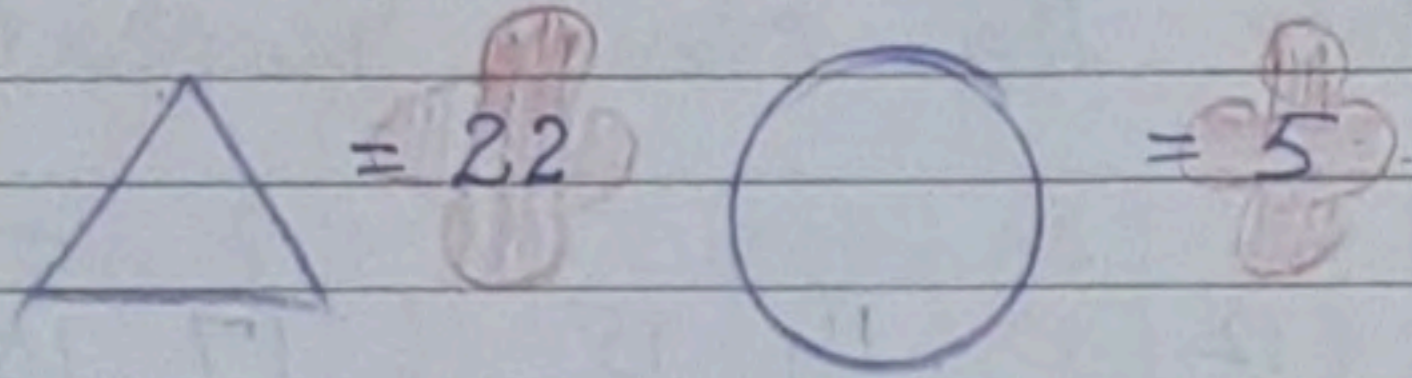
OR


 OR
 
 = 11

CHAPTER - 9

DATA HANDLING

Count the shapes in the above pictures?



Name the shapes

That comes the most: Triangle

That occurs the least: circle

These children are friends
Count the number of letters
in each name-word.

Names	NO. of letters	
SALMA . . .	5	S A
JOSEPH .	6	S

ARUN . . .	4	A
CHINTU .	6	
GEE TA . .	5	A
ASHA . . .	4	A A
SUBBU . .	5	S
AHMAD . .	5	A, A
RAVI . . .	4	A

How many names have four letters . 3 names

Arun, Asha, Ravi

How many names have five letters . 4 names

Salma, Geeta, Subbu, Ahmad

How many names have six letters . 2 names

Joseph, Chintu.

How many times S comes in all the names taken together

5

Three times

3

How many times A comes in
the names taken together.

Eight times

8

Extra questions:

How many alphabets are
there all together.

44

Is there any word with
alphabet less than 4

No

Is there any word with
letters more than 6

NO

Is there any word with
B twice

YES

How many words are
there in total.

9

How many words start
with N

0

PATTERNS

Extend the Sequence

T I T I T I T I T I T I T I T

|| 0 || 0 || 0 || 0 || 0 || 0 || 0 || 0 ||

↑ ↓ ↑ ↓ ↑ ↓ ↑ ↓ ↑ ↓ ↑ ↓ ↑ ↓ ↑

V A V A V A V A V A V A V A

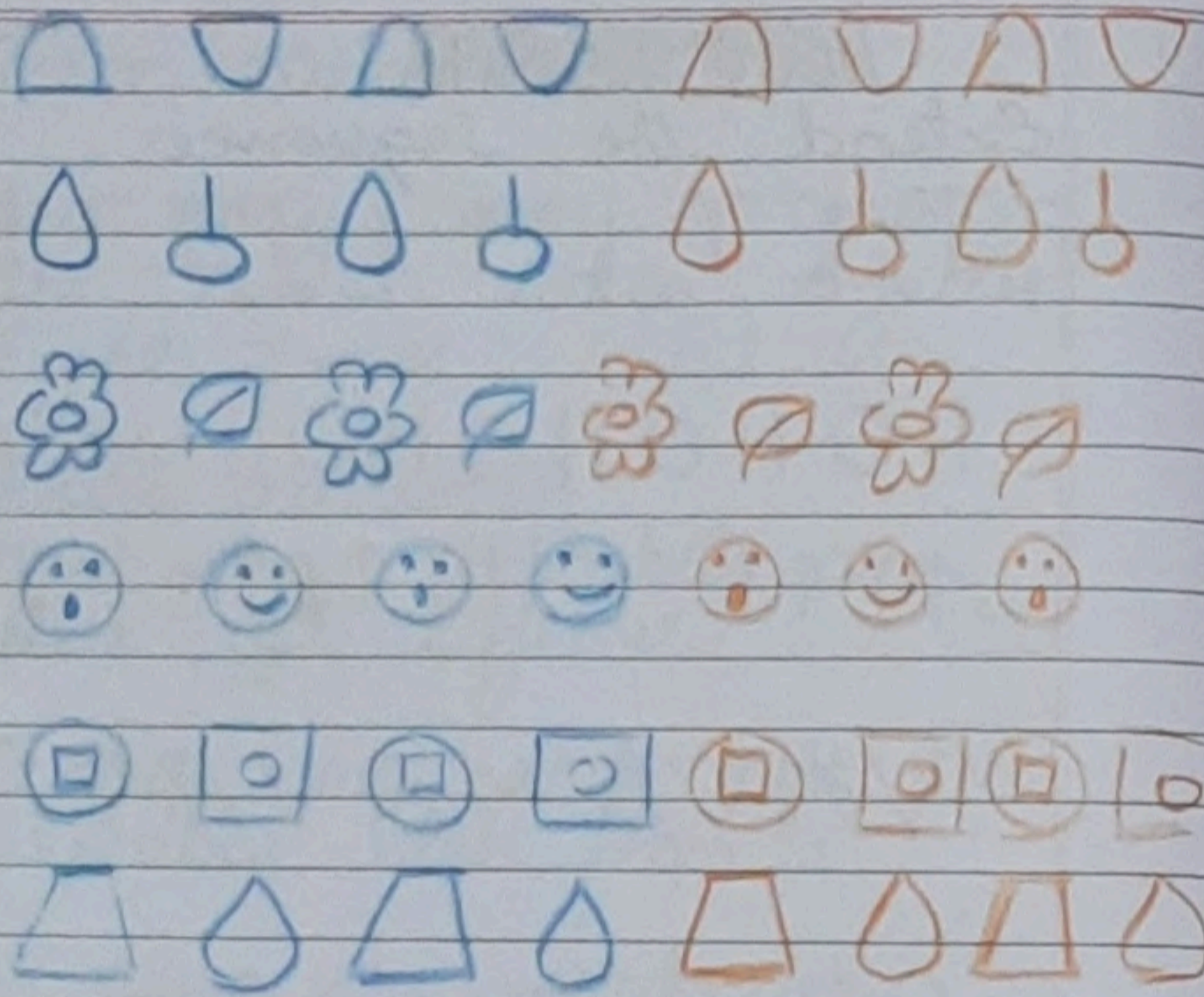
0 0 □ 0 0 □ 0 0 □ 0 0 □ 0 0 □

D O D O D O D O D O D O D O

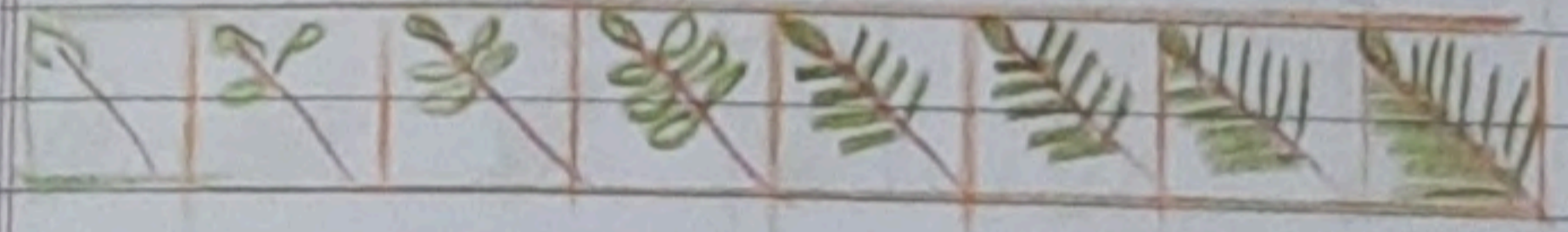
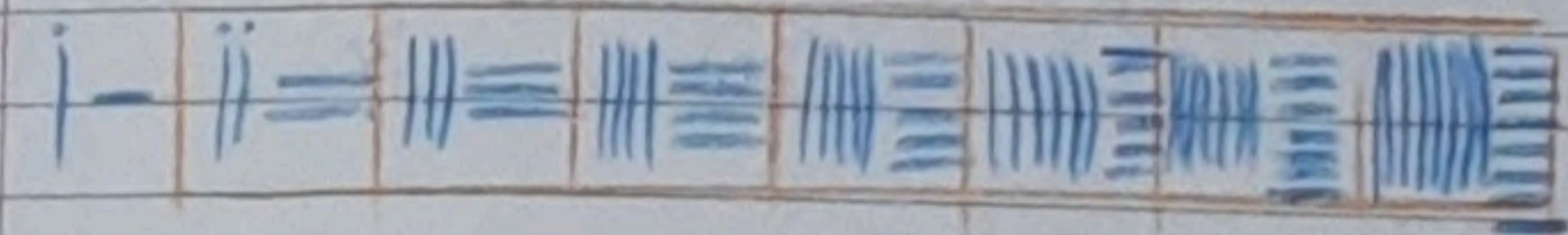
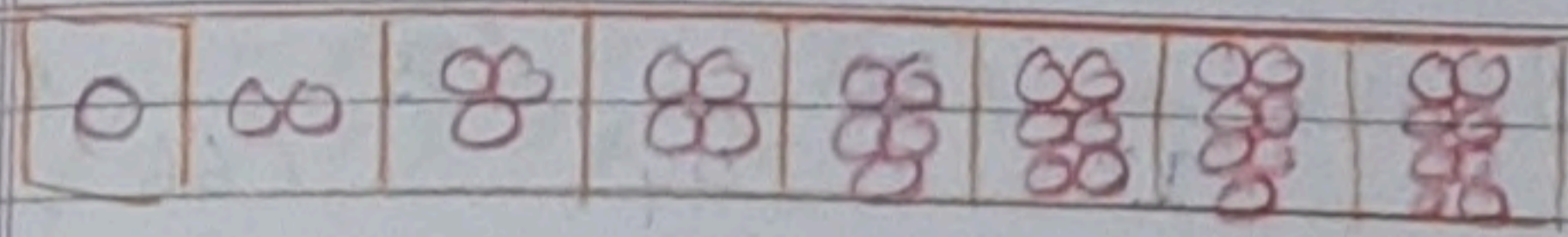
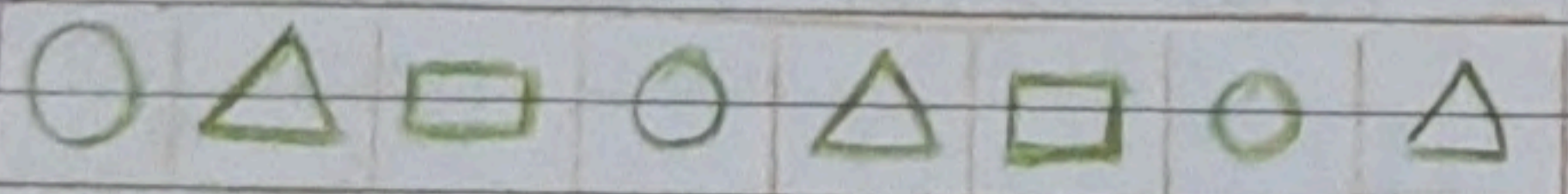
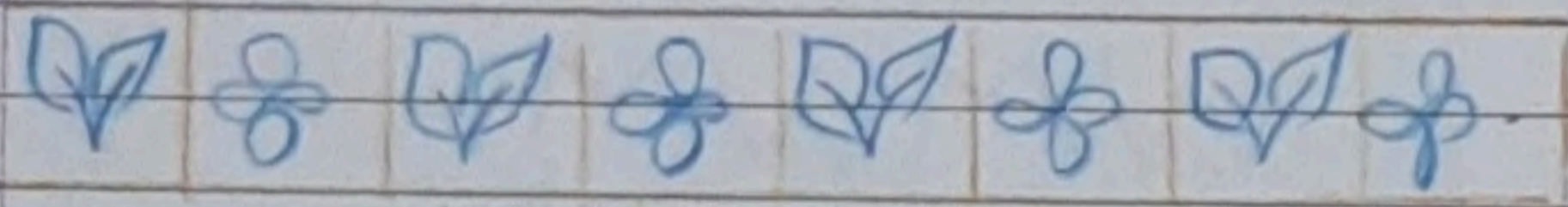
W M W M W M W M W M W M

What comes next in the sequence

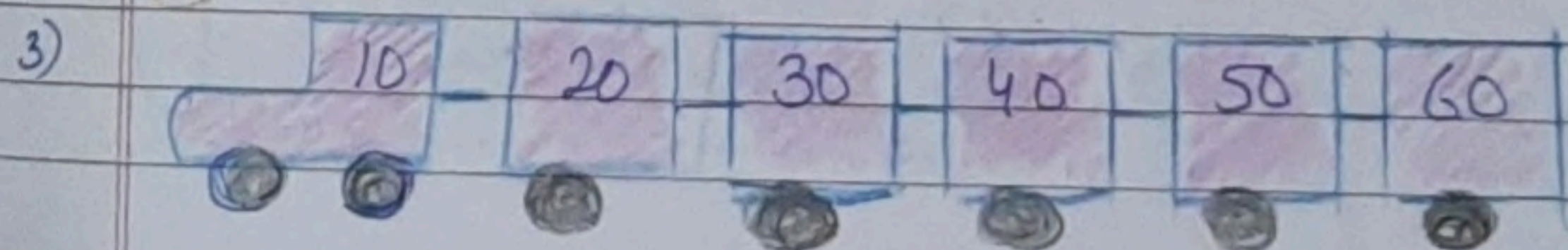
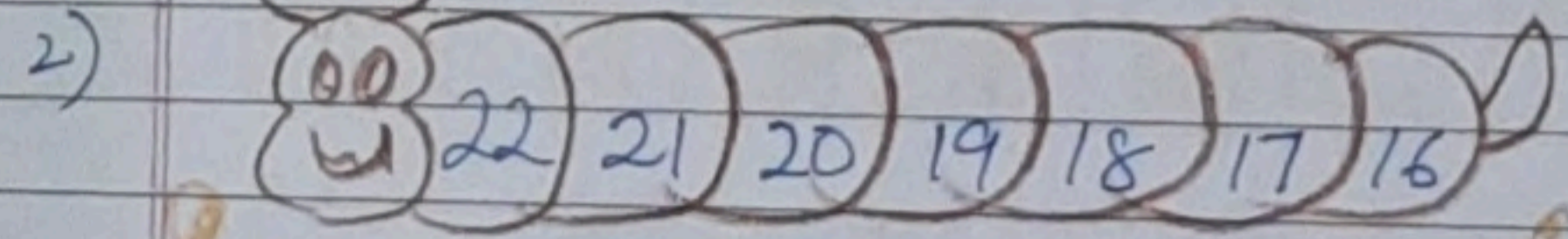
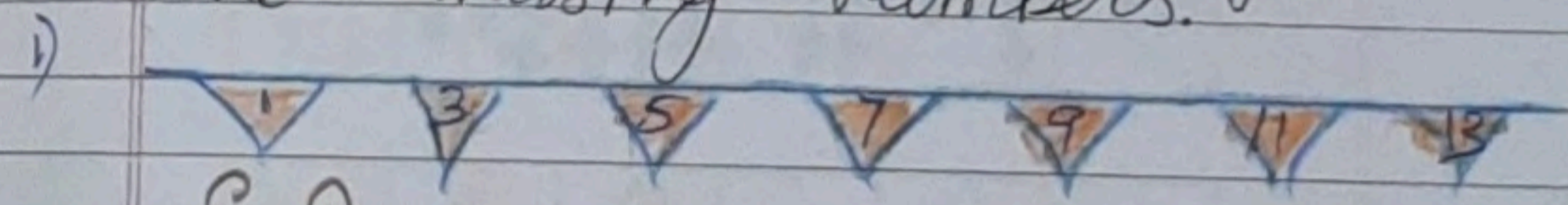
O ⊙ O ⊙ O ⊙ O ⊙ O ⊙ O ⊙

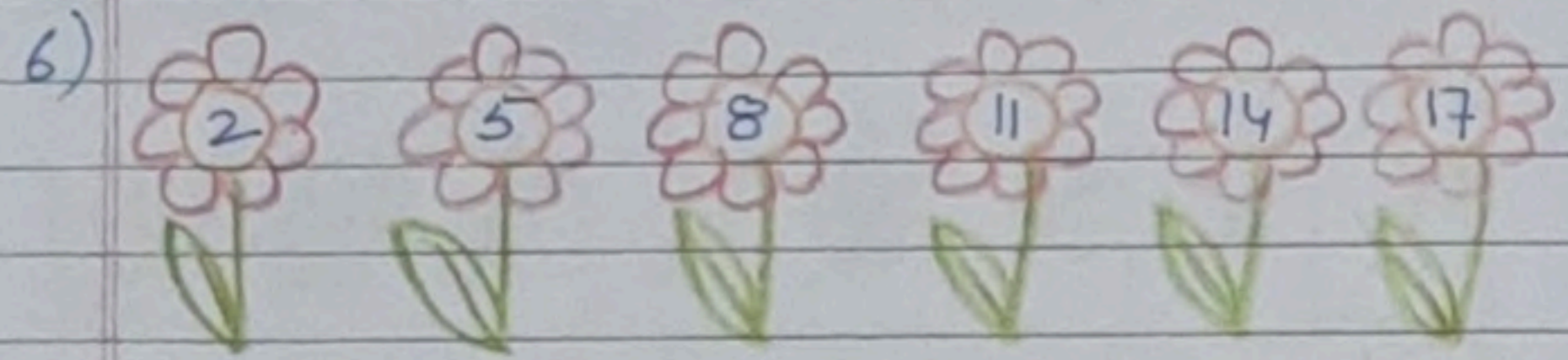
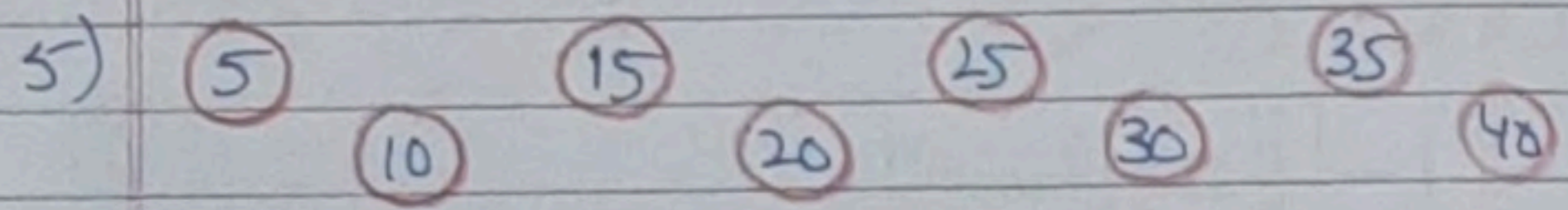
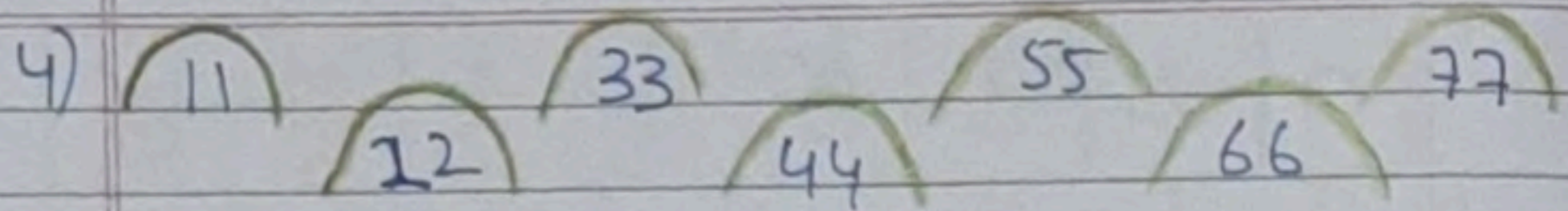


Patterns in shape
Fill in the boxes in sequence

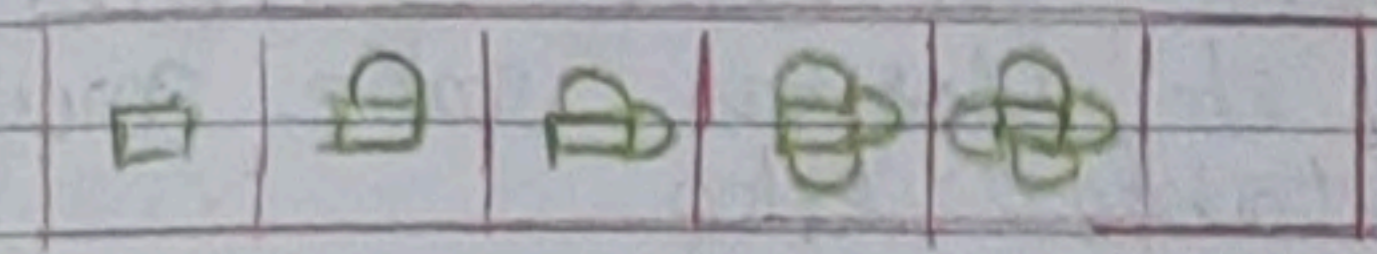
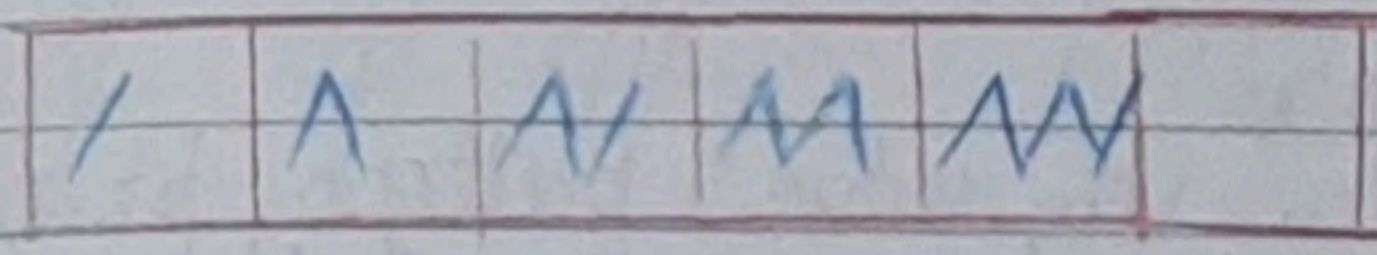
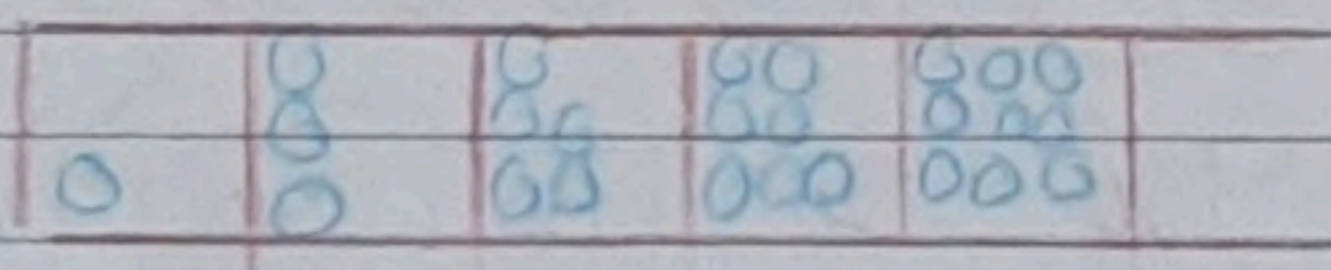
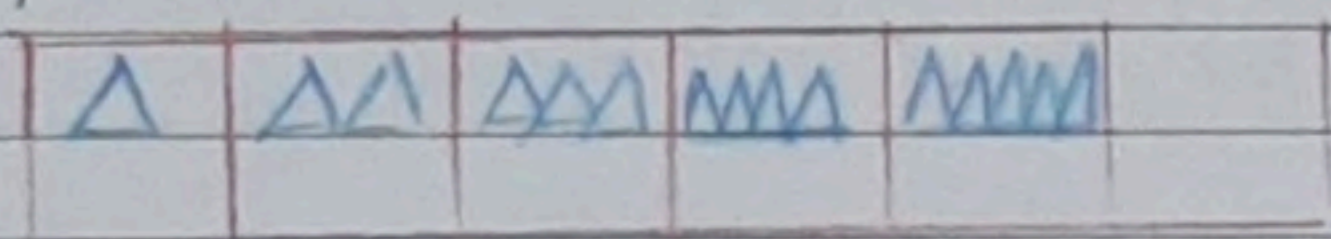


Study the pattern and fill the missing numbers.

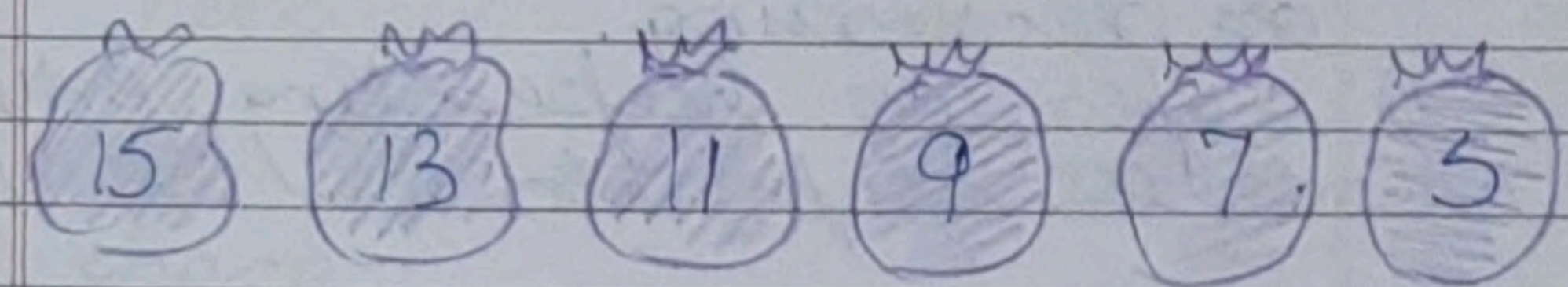
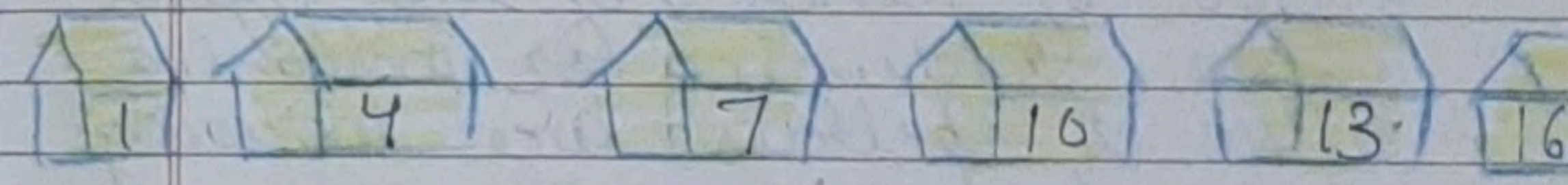
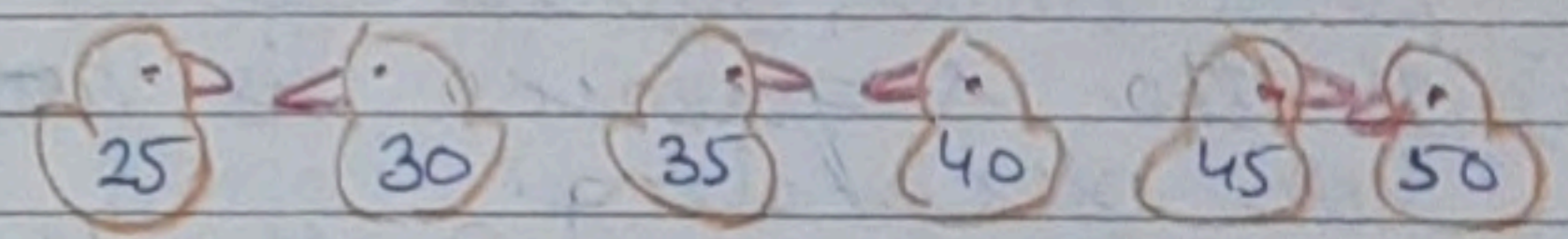
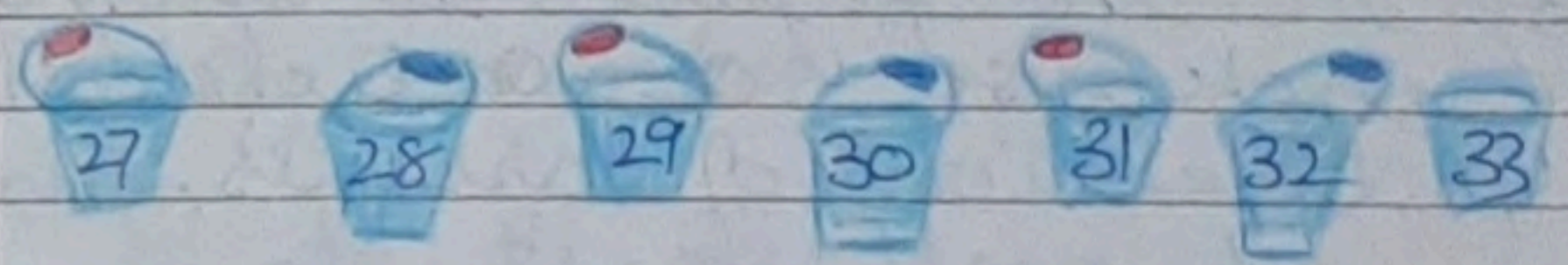
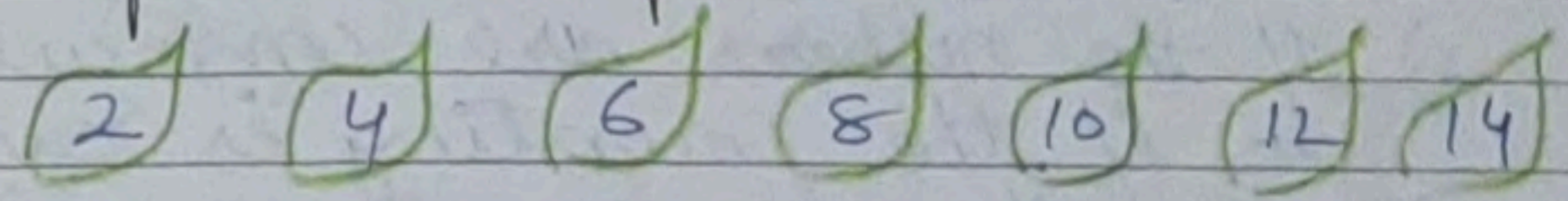


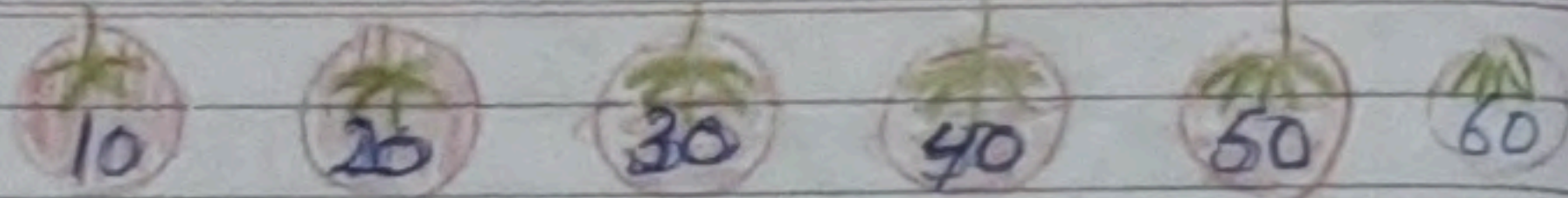


complete the pattern.



Complete the pattern





Notes

How to solve pattern problems.

Check for some of these.

- 1) If it forms some multiplication table like

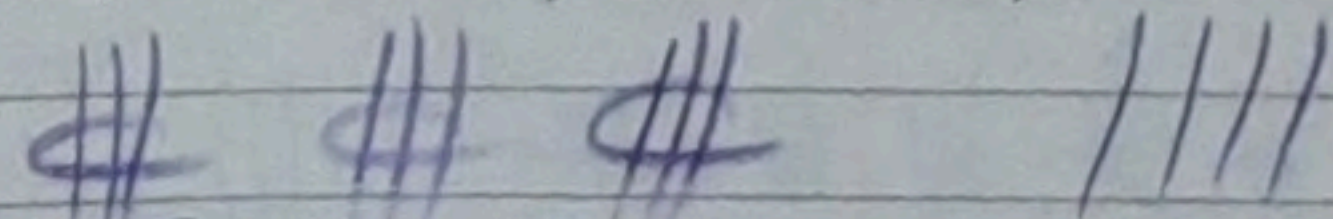
2, 4, 6, 8 or 5, 10, 15, 20
Table of 2 table of 5

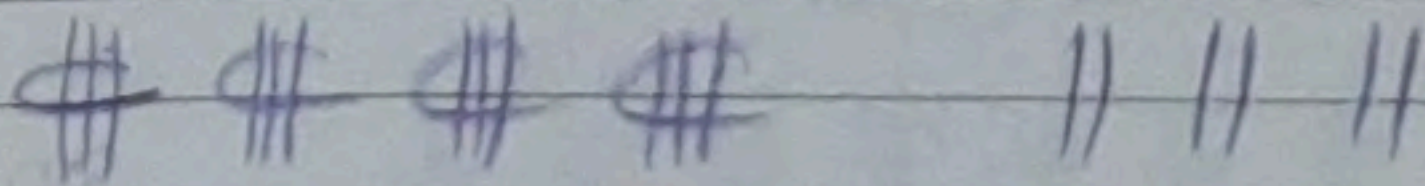
- 2) If the numbers are consecutive or if the counting is reverse.
- 3) If the figure is moving clockwise or anticlockwise.
- 4) direction of arrows. East, west, north, south etc.
- 5) If the sequence is ascending or descending.
- 6) No. of lines of the figures are reducing or increasing.
- 7) No. of petals are increasing or decreasing.
- 8) shapes are repeating every next step etc.

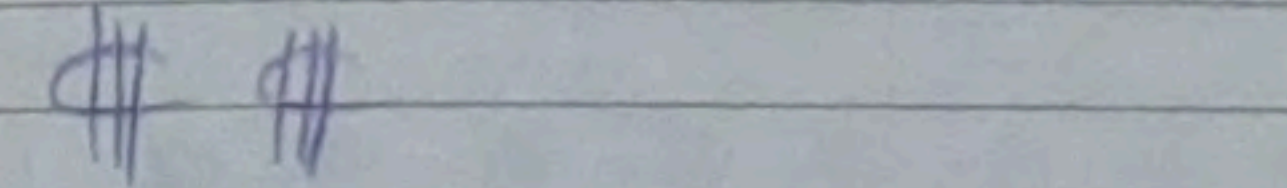
CHAPTER - 11

NUMBERS

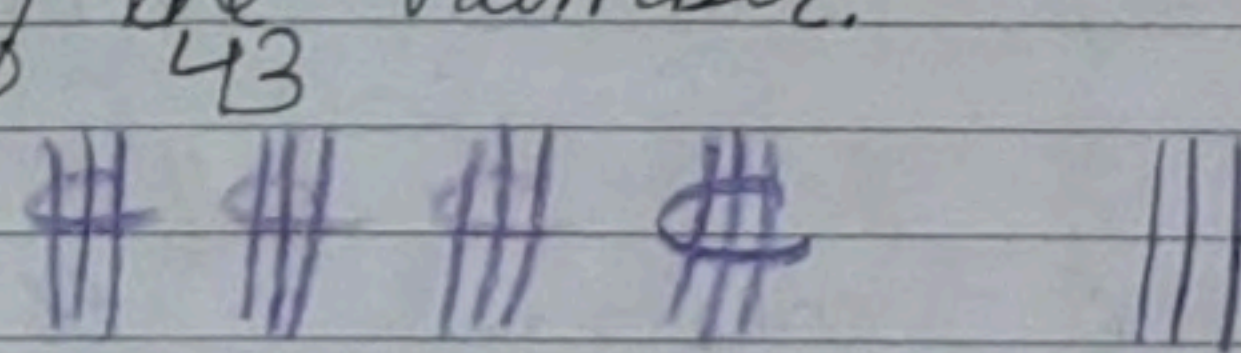
Write the numbers.

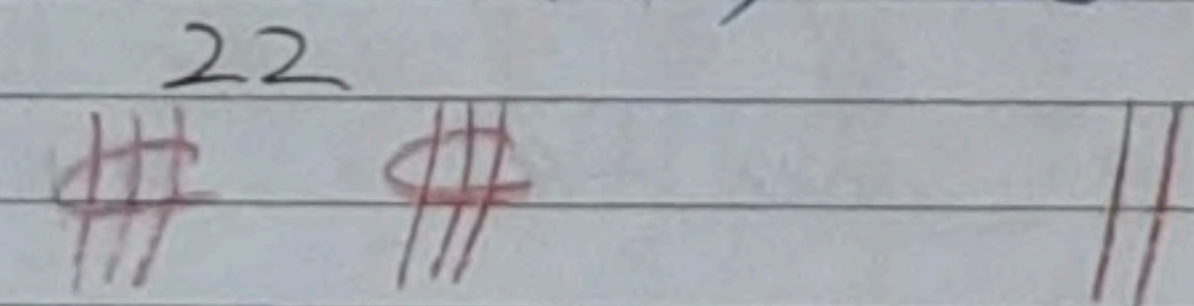
1)  34
Tens - 3, ones - 4

2)  36
Tens - 4, ones 6

3)  20
Tens - 2, ones 0

Draw the bundles and ones of the number.

1)  43
Tens - 4, ones - 3

2)  22
Tens - 2, ones - 2

Write the number in the given space.

| 51
Tens - 5 ones 1

|||| 61
Tens - 6 ones - 4

80
Tens - 8 ones - 0

| 91
Tens - 9 ones - 1

||| 73
Tens - 7 ones - 3

|||| 66
Tens - 6 ones - 6

||||| 99
Tens - 9 ones - 9

|||| 74
Tens - 7 ones 4

Tens - 7 ones 4 74

Numbers from 51 to 70.

Fill in the blanks.

| tens 5 ones 1 = 51
| T-6, O-1 61

|| = 59
Tens 5 ones 9
|| T-6, O-2 62

||| = 53
Tens 5 ones 3
||| T-6, O-3 63

|||| Tens 5 ones 4 54
|||| T-6, O-4 64

||||| T-5 O-5 55
||||| T-6, O-5 65

||||| T-5 O-5 56
||||| T-6, O-5, 66

||||| T-5 O-7 57
||||| T-6, O-7 67

||||| T-5 O-8 58
||||| T-6, O-8 68

||||| ||||| ||||| ||||| |||||
 T-5, 0-9, 59 T-6, 0-9-69

||||| ||||| ||||| ||||| |||||
 T-6 60 T-7 70

Numbers from 71 to 90.

 T-7, 0-1 = 71	 T-8, 0-1 = 81
 T-7, 0-2 = 72	 T-8, 0-2 = 82
 T-7, 0-3 = 73	 T-8, 0-3 = 83
 T-7, 0-4 = 74	 T-8, 0-4 = 84
 T-7, 0-5 = 75	 T-8, 0-5 = 85
 T-7, 0-6 = 76	 T-8, 0-6 = 86
 T-7, 0-7 = 77	 T-8, 0-7 = 87
 T-7, 0-8 = 78	 T-8, 0-8 = 88
 T-7, 0-9 = 79	 T-8, 0-9 = 89
 T-8, 0-0 = 80	 T-9, 0-0 = 90

Numbers from 91 to 100.

 Tens-9 ones 1 91	
 Tens-9 ones 2 92	
 Tens-9 ones 3 93	
 Tens-9 ones 4 94	
 Tens-9 ones 5 95	
 Tens-9 ones 6 96	
 Tens-9 ones 7 97	
 Tens-9 ones 8 98	
 Tens-9 ones 9 99	
 Tens-10 ones 0 100	

51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

CHAPTER - 12

MONEY

Make the given amount using different combination of coins.

- 1 Rupee: (1)
- 2 Rupee: (1) + (1) = 2
or (2)
- 2 Rupee: (2)
- 3 Rupee: (1) + (1) + (1) = 3
- 3 Rupee: (2) + (1) = 3
- 4 Rupee: (1) (1) (1) (1)
- 4 Rupee: (2) (2)
- 4 Rupee: (2) (1) (1)
- 5 Rupee: (1) (1) (1) (1) (1)
- 5 Rupee: (1) (1) (1) (2)
- 5 Rupee: (2) (2) (1)

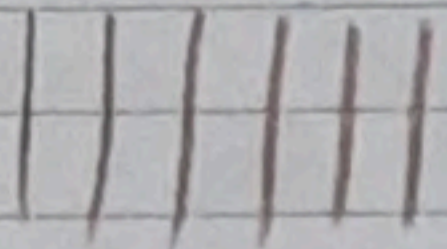
- 5 Rupee: (5)
- 6 Rupee: (1) (1) (1) (1) (1) (1)
- 6 Rupee: (2) (2) (2)
- 6 Rupee: (2) (2) (1) (1)
- 6 Rupee: (2) (1) (1) (1) (1)
- 6 Rupee: (5) (1)

Discuss with your friend and guess the price.

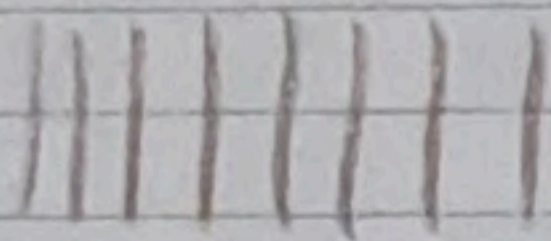


~~was~~ many

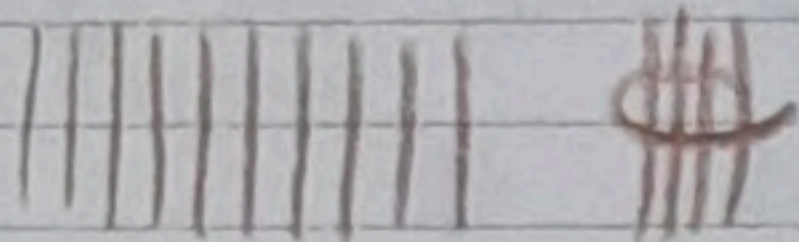
Write the number of sticks.



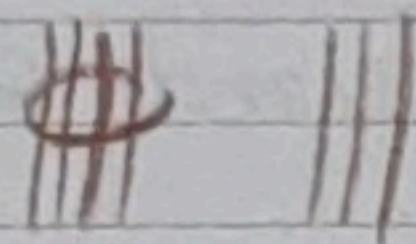
6



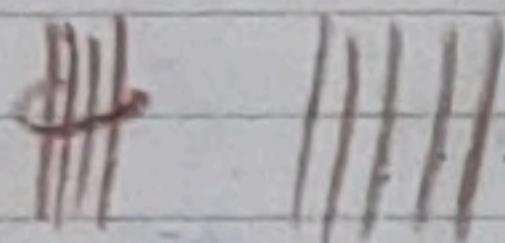
8



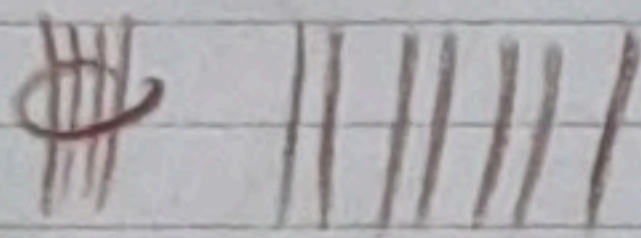
20



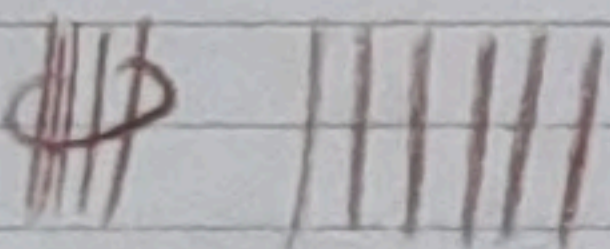
13



15

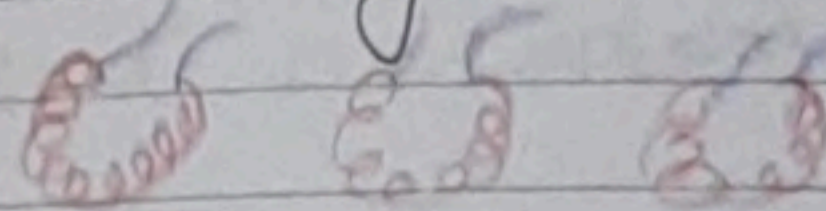


17

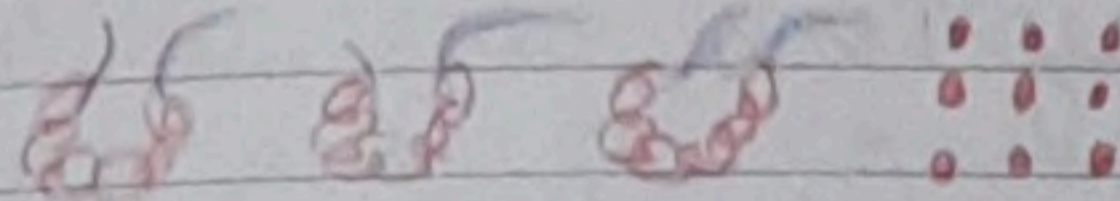


16

How many beads?



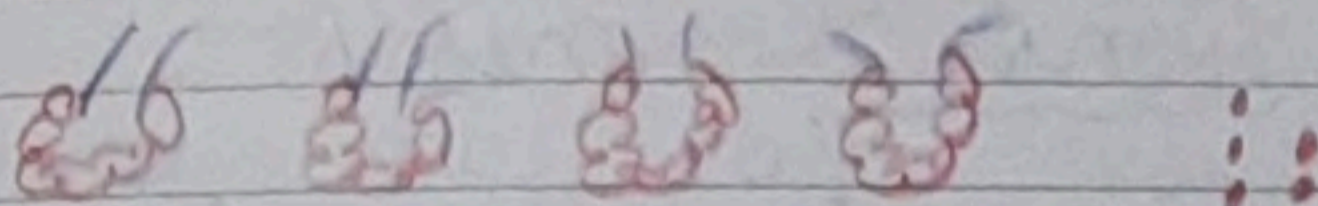
32



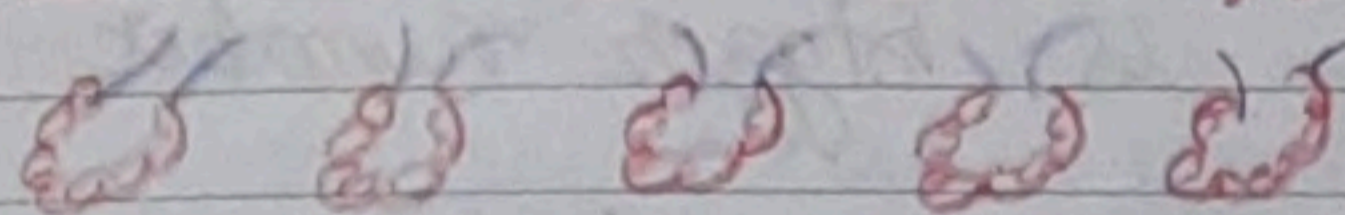
39



43



45



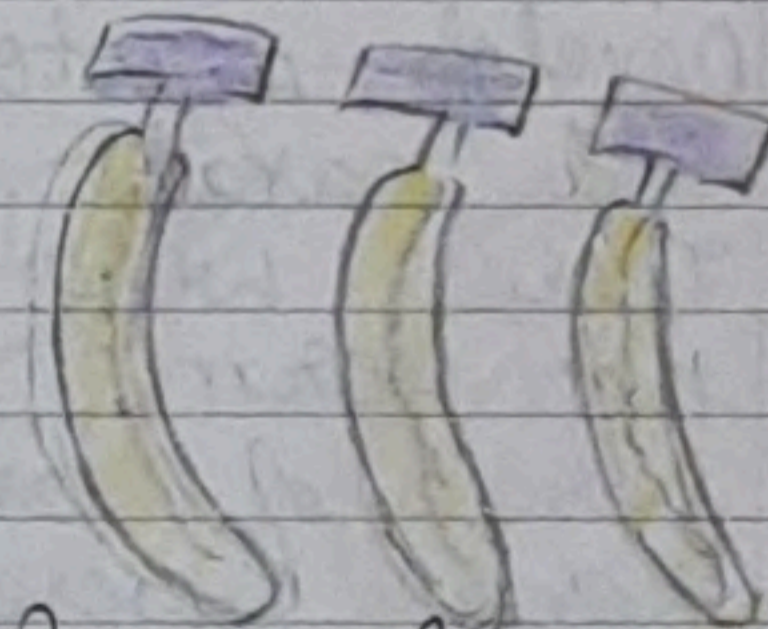
50

How much will the bananas cost?

one banana cost - Rs 10



Rs 10



Rs 10 + Rs 10 + Rs 10

10

10

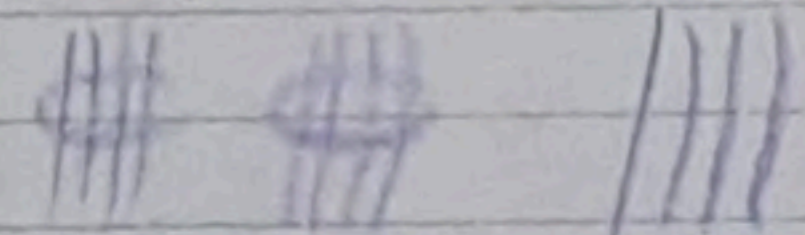
+ 10

Rs 30

Three banana will cost

Give number name.
 15 - fifteen.

How many Tens.
 24.


Tens - 2 ones 4.

Which is bigger number.

13 < 26.

Smaller. Bigger.

Develop a story on the pictures and narrate.

There were 5 goats in the farm. 3 goats were of brown colour and 2 goats were of black colour. One brown and one black goat went for a walk and only 3 goats were left in the fence.

Develop a story on the pictures and narrate in the class.

Billu was a hardworking boy. He was a craftsman. He know how to weave baskets with the canes.

This work is very good and one can experiment newer things every day.

Billu had made 7 (seven) baskets and he is making eighth one.

