

MATHS
2ND

CHAPTER-7

WHAT IS LONG WHAT IS ROUND

Pointed at one end, flat at the other, but round like a pipe
Guess what it is.
pencil

Do you also think so?
Yes, I do think so.

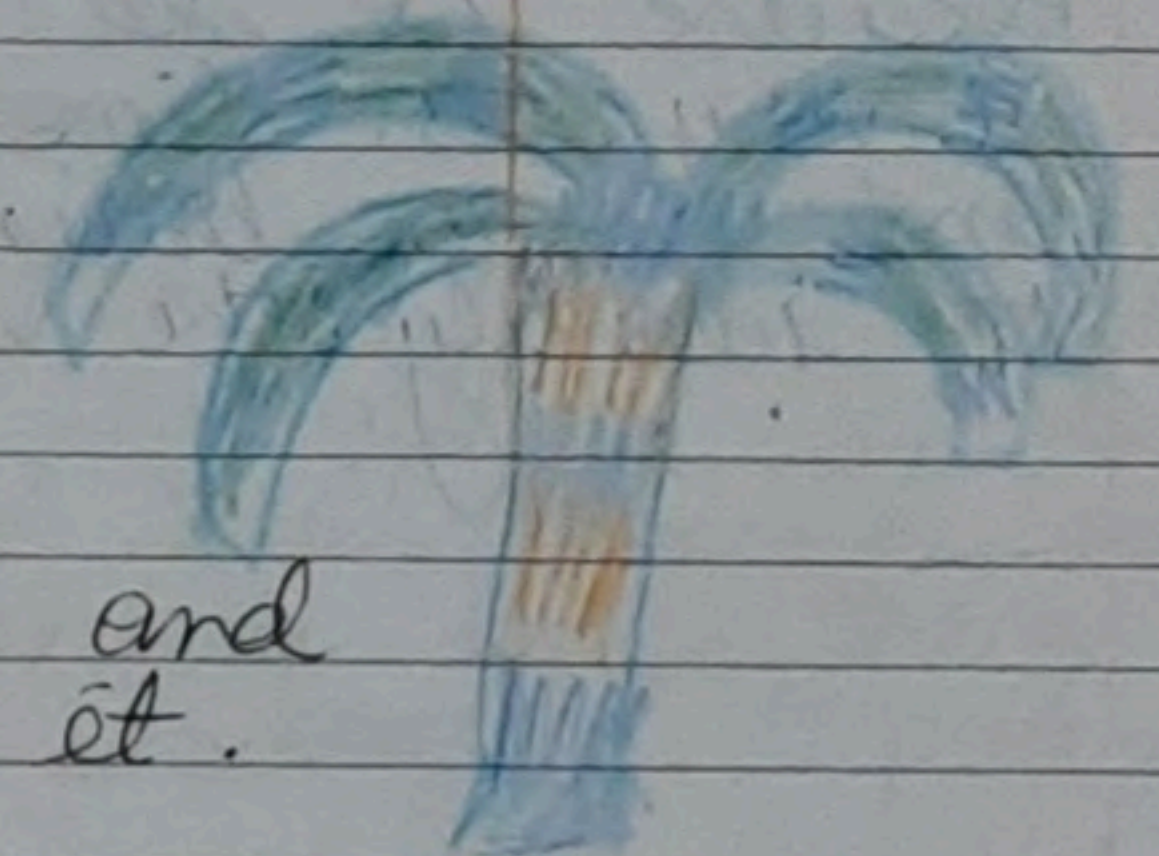
Now, you think of a different answer of Meeku Uncle's question
A ball point pen.

Round all round has no corners I can roll it in my hand
Guess what it is?
It is a ball.

Put the books on it. Does the post card hold it? see how many books it can hold.
It can hold three books.

Look at the things around you, write below?

Things which roll	Things which slide	Things which both roll & slide.
Ball	Book	Water bottle
egg	Remote TV.	Coin
Cucumber	Pencil box	tape roll.
tomato.	Bed.	pen
onion.	plate	Barocil glass.
Cylinders	chair	Shuttle cock box.



Your tree is ready.
colour it and decorate it.

make the coin spin, Does it look like a ball.
yes, I looks like a ball.

Does a coin roll? Does it slide?
Try? yes the coin rolls when in vertical position.



Can you make a 1-rupee coin stand like this?

NO it falls on one side.

Extra questions

Why a coin looks like a ball spherical object when it spins.

Because we see many planes in very less time very fast and our brain is confused to identify the same.

CHAPTER-2

COUNTING IN GROUPS

Can you guess how many cups?
 $1 + 2 + 3 + 4 = 6 + 4 = 10$

Can you guess how many pairs of shoes?

Row = 3
 Column = 3
 = 9 pairs.

Look at how different things are kept in groups. Try to guess the total number without counting each thing.
 12 glasses, 25 bangles, 12 pair of earrings.

There are three groups of spoons. How many in each group?
 8 spoons in each group.
 Guess the total number of spoons
 $8 \times 3 = 24$.

More or less.

Number of teeth in your mouth less than 40.

Number of seeds in an orange
less than 50.

Number of matchsticks in a
matchbox.
More than 30.

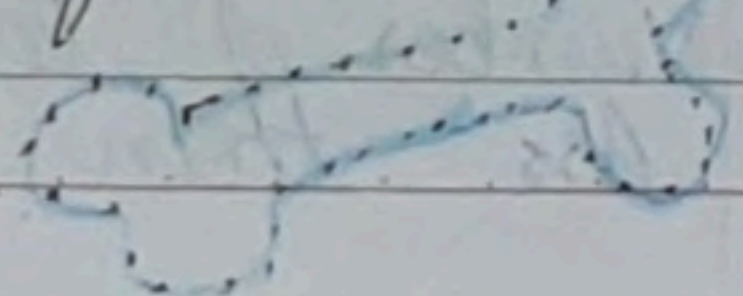
Number of pencils in your class
more than 45.

Number of spokes in one cycle.w.
less than 20.

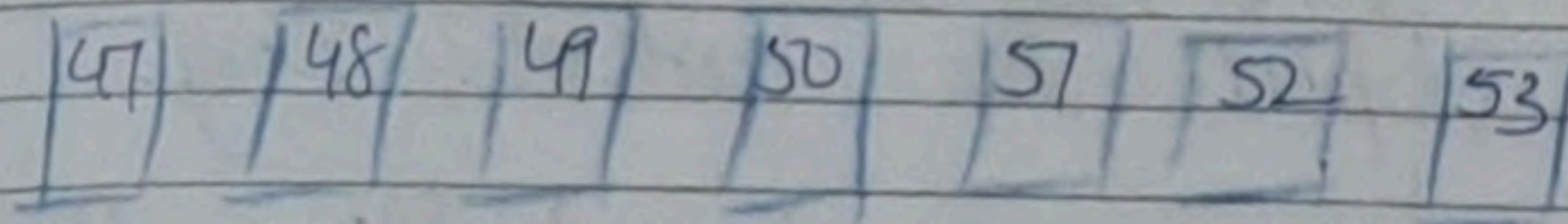
Hop till you drop.
How many times can you hop
on your right foot without falling
10 times

How many times can you hop
on your left foot without
falling? 6 times.

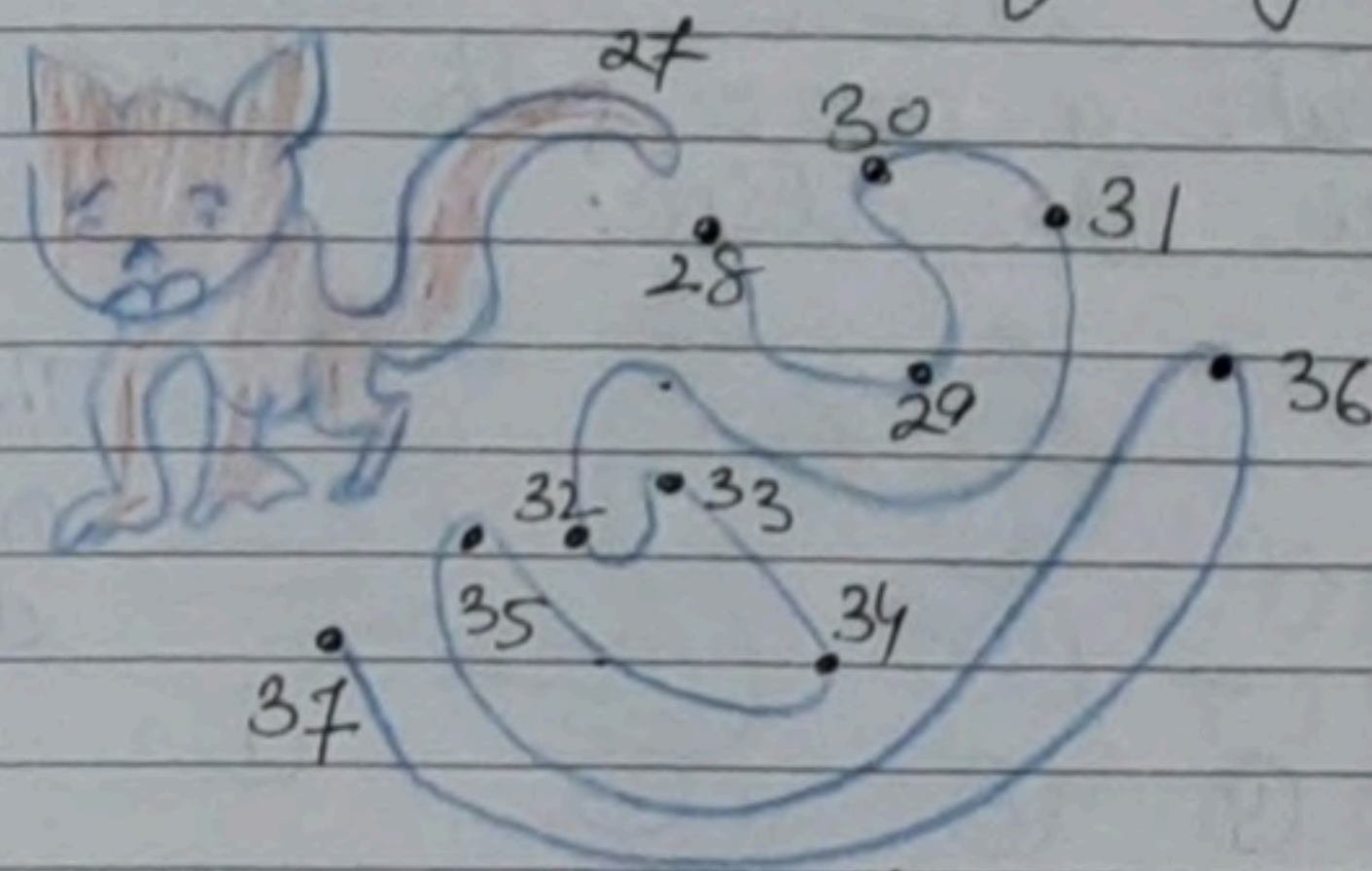
Tojo doggy is hungry. Join the
dots in order, from 21 to 52.
and find
What is hidden



Write the page numbers in the
correct order.



Help her in trying. But the tail
should not cross itself anywhere.



How many are pulling the
carrot out?
Six people

- 1) old man
- 2) wife
- 3) granddaughter
- 4) dog
- 5) cat
- 6) mouse.

Who was the first one to
pull it?

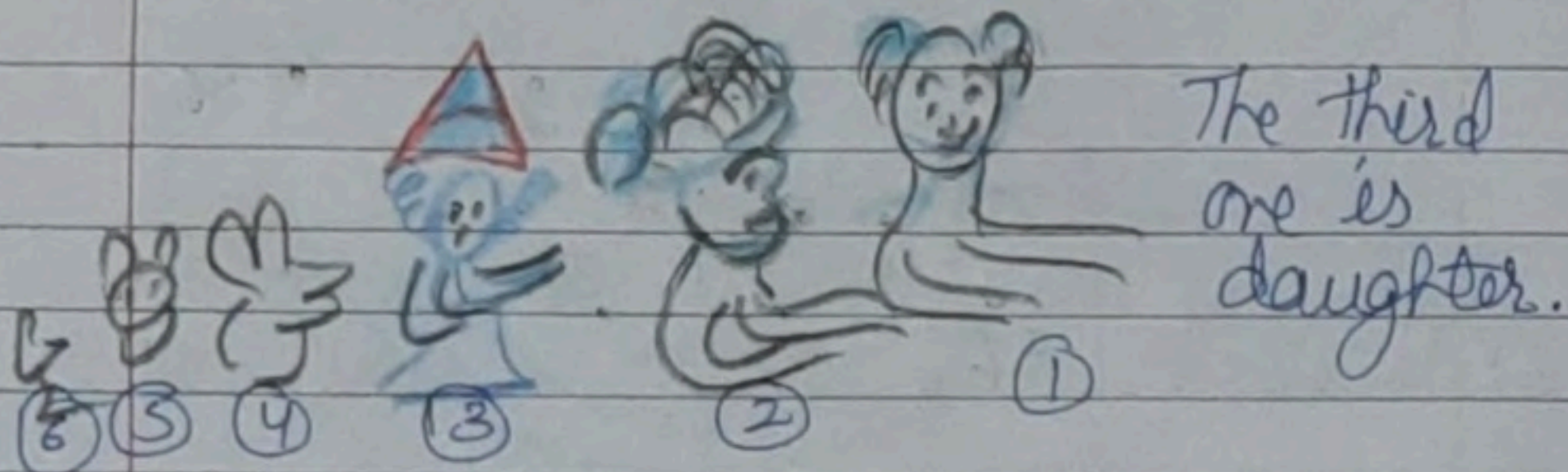
The old man was first one to pull.

The cat is 5th in the line.

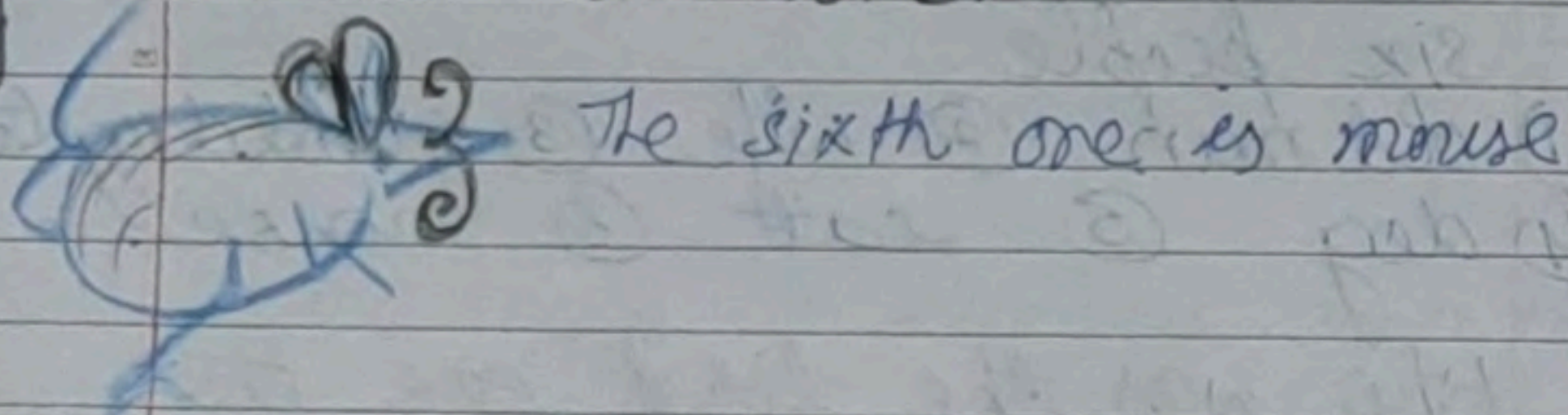
Who was the fourth one to pull the carrot? Dog.

How many were pulling the carrot before the cat came to help them? four.

Make a cap on the third one in the line.



Make a mustache for the sixth one in the line.



seema has made a design with different birds.

Look at the group and guess the total number of bindis is 80 bindis. Why? There are 8 groups each with 10 bindis. (8x10).

Draw more groups to complete 100 bindies. did you have to draw? 2 more groups will be required. each with 10 bindies.

CHAPTER-3

HOW MUCH CAN YOU CARRY

Guess why the sacks felt lighter?
Because the salt dissolved
in the water.

Now, what would happen to the
donkey when it dipped into
the river? why?

The donkey would feel the
load heavier because the
woolen clothes absorbed
the water.

Raju cannot still ride it. Can
you tell why? circle the
correct answer.

Because Raju is heavier.

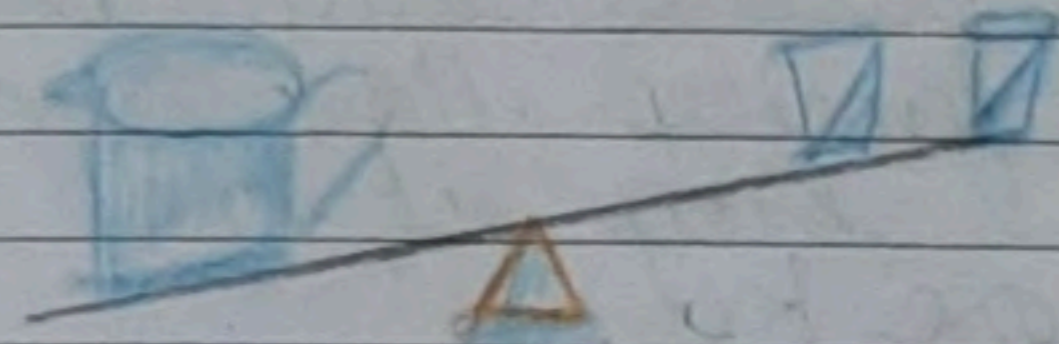
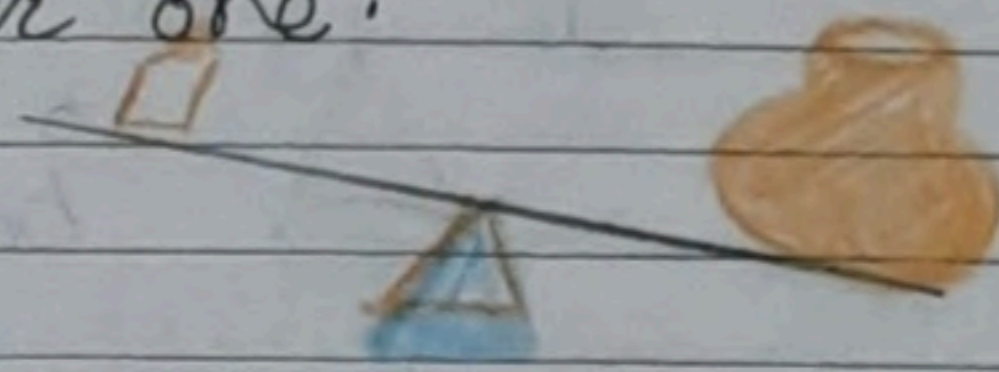
Can you tell why the see-saw
beaked this way?

Because Raju is lighter
than Rani and Aslam together.

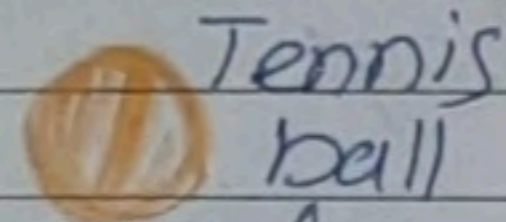
Which of the two things will
make the see-saw go down?

water melon will go the see-saw
go down.

Draw a line to match the
heavier one.



Colour the one which is lighter.



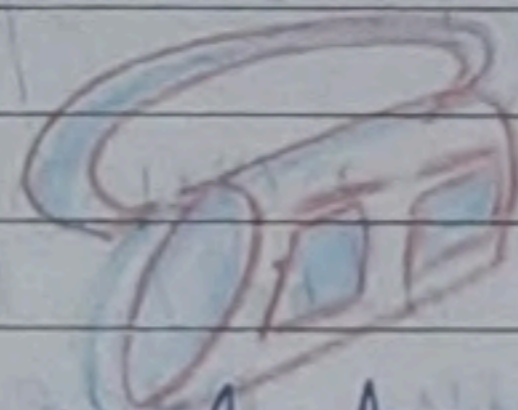
Tennis ball



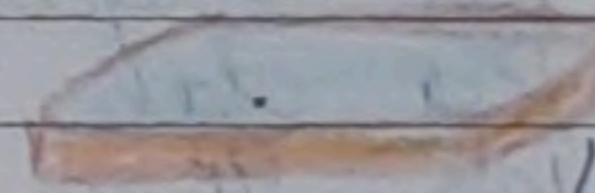
Foot ball

Lighter

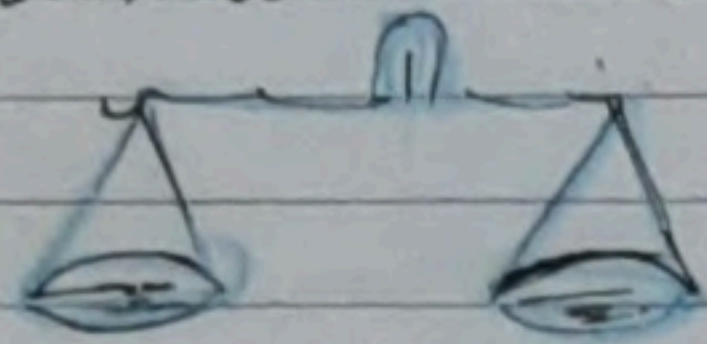
Heavier



School bag

Lighter
geometry box

Guess and tell what chhotu monkey used to help chitky and micky. Draw a picture of it on the monkey's hand.



a beam balance

your parents buy carrots for the family. How much do they buy at one time?
one kg.

How does the vegetable seller weigh the carrots with the help of beam balance.

Guess which bags simran can carry.

simiran can carry
1 kg salt 2 kg cooking oil
2 kg sugar
2 kg dal she may not
1 kg ghee be able to
carry more than
2 kg.

Guess who can carry what -
Her father? 5 kg rice.

Her mother? 5 kg atta.
5 kg rice.
5 kg atta.

younger sister? packet of wafers.

Guess which bag simran can carry. can simran carry any two of these bags together?
If yes, which ones?
1 kg salt and 1 kg ghee

which bags can you carry?
Guess? 1 kg salt and 1 kg ghee.
crow feather
elephant logs of wood
Donkey sack of sugar.
Dog Ball

COUNTING IN TENS

How many baskets of 10 chickens are there?

5 baskets of 10 chickens each.

How many chickens are there in all?

5 basket of 10 chickens	=	50
4 chickens	=	4
Total	=	54

In the evening, she counted the chickens again.

There are 4 baskets of 10 chickens

There are $40 + 3 = 43$ chickens in all.

$54 - 43 = 11$ chickens have been eaten by the fox.

3 bundles have $10 \times 3 = 30$ sticks

Now how many sticks in all are there?

$30 + 9 = 39$ sticks in all.

Explanation 3 bundles = $3 \times 10 = 30$

Loose 9	=	9
Total	=	39

4 bundles will have 40 sticks.

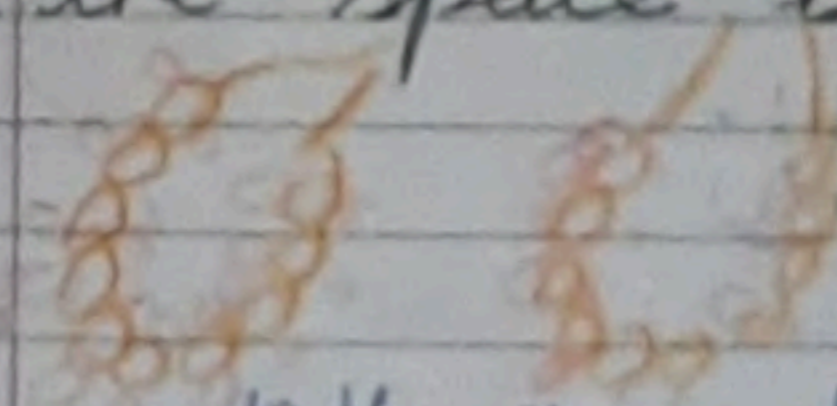
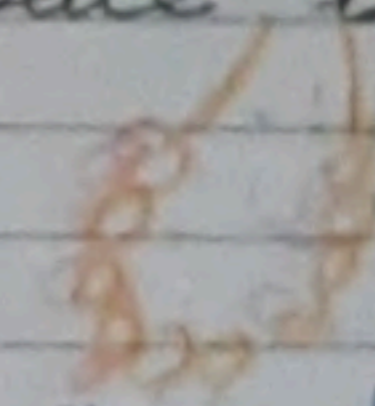

So, there are 58 flowers in all.

$10 \times 5 = 50$	\Rightarrow (Garlands)
8	\Rightarrow (loose)
58	

How many flowers are there? flowers in all

6 garlands	=	60 flowers (6×10)
loose	=	7 flowers
	=	67 flowers

How many garlands of 10 flowers each can you make using 21 flowers? Draw them in the space below? 2 garlands

			= 21 flowers
10 flowers	10 flowers	1 flower	

Ieda, can you see all these pencils. How many are there? If you make a good guess. all these will be yours. 64 pencils

How many packets of 10 pencils are there?

Six packets.

How many pencils are outside the packets?

four pencils.

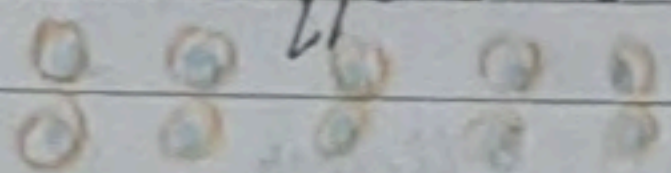
So, all together there are 64 pencils

How many packets does she have? seven packets

so how many birdies in all?
70 birdies in all.

Now can you draw 10 birdies in different way.

(1)



(2)



PATTERNS

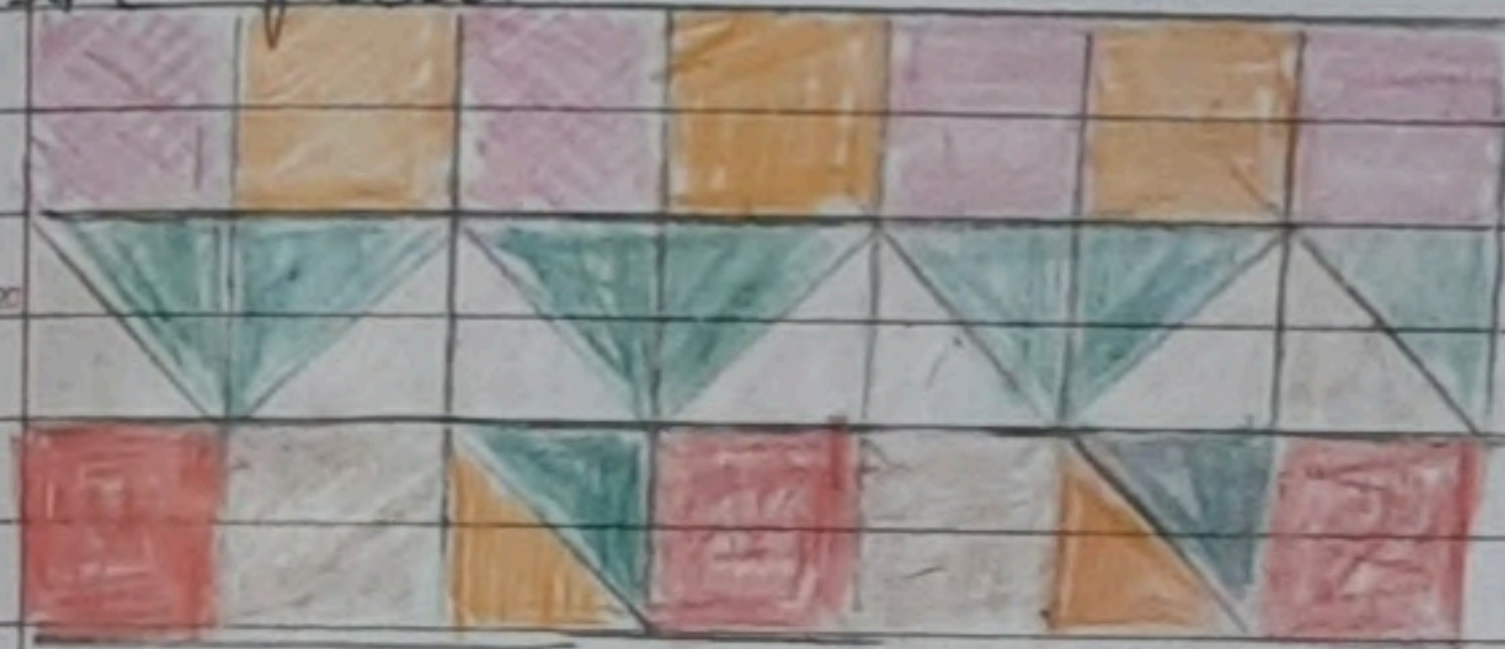
Look at the picture and help Binni in matching which pieces of the same pattern.



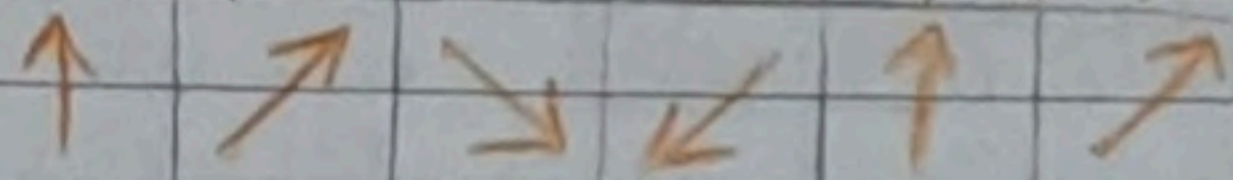
Can you guess which of these cannot be formed with this?



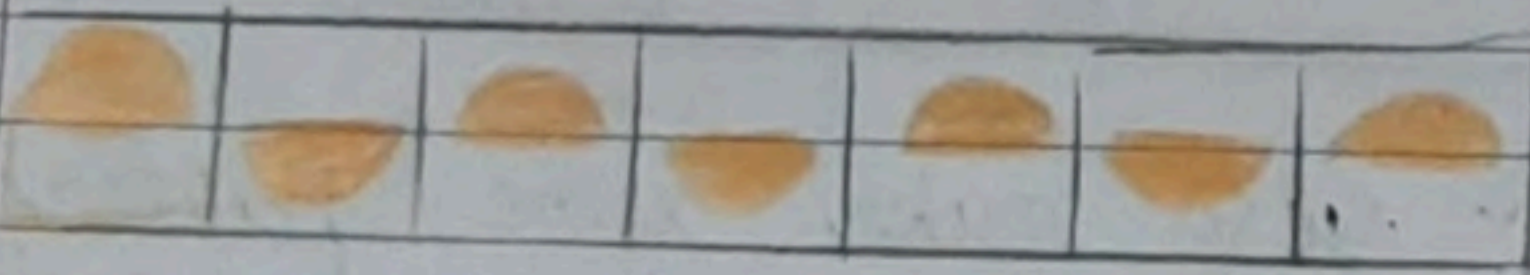
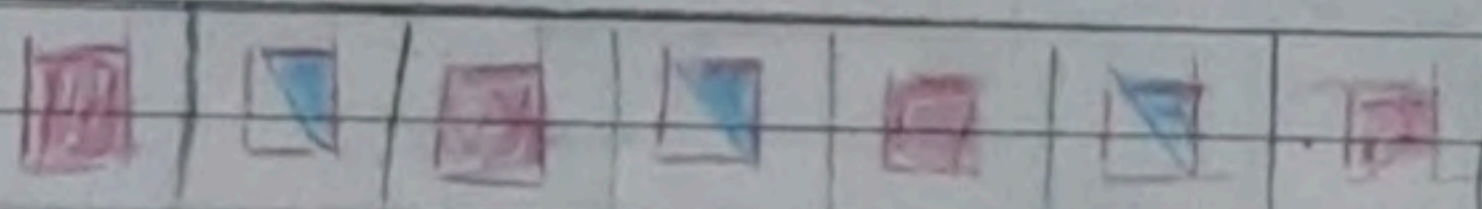
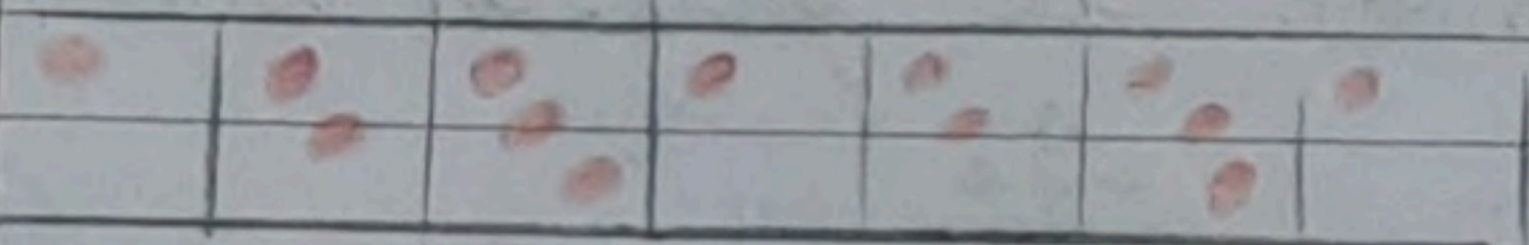
Fill up the blank boxes to complete the pattern.



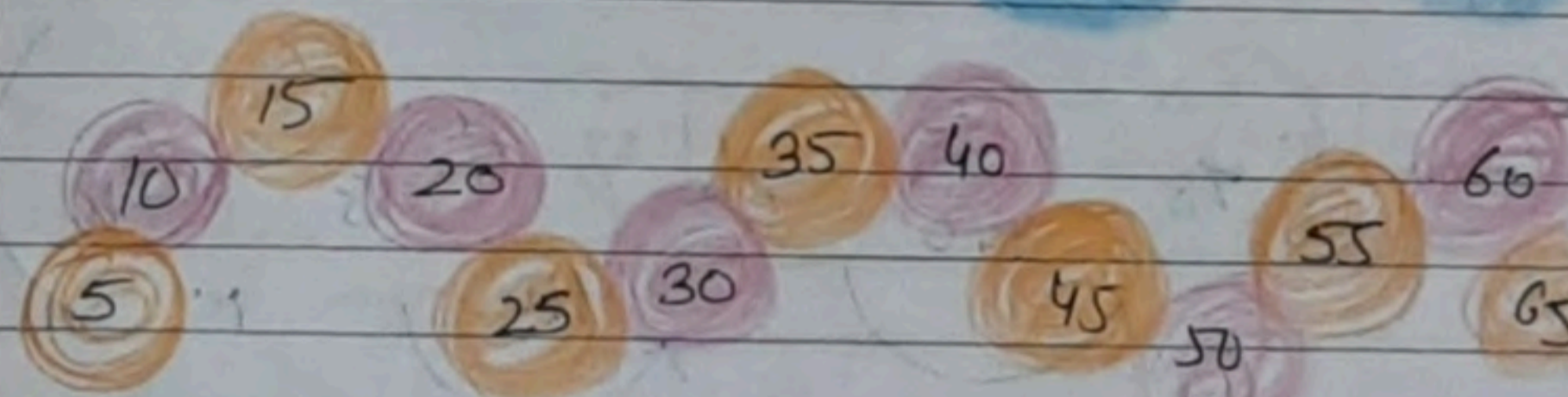
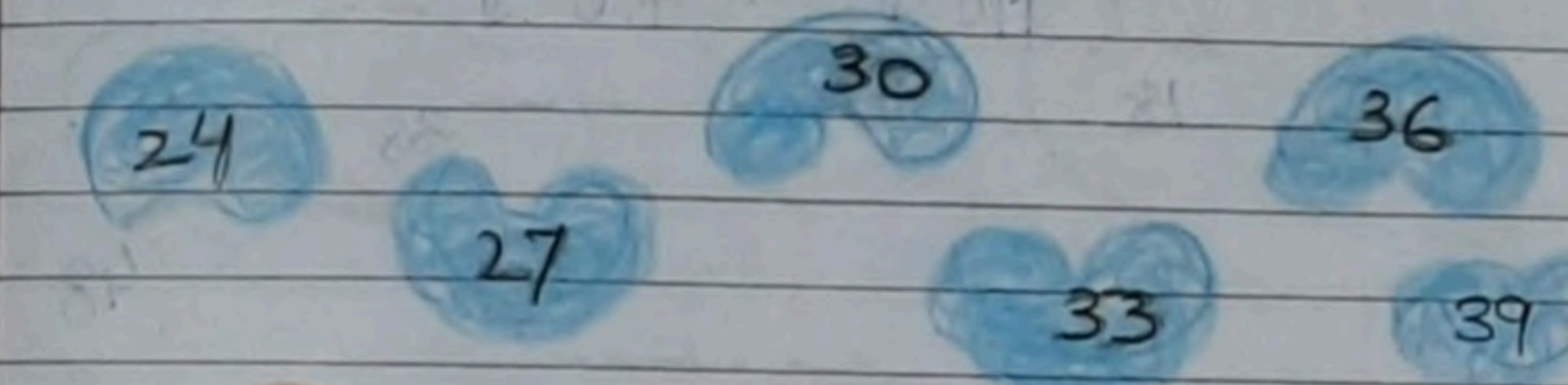
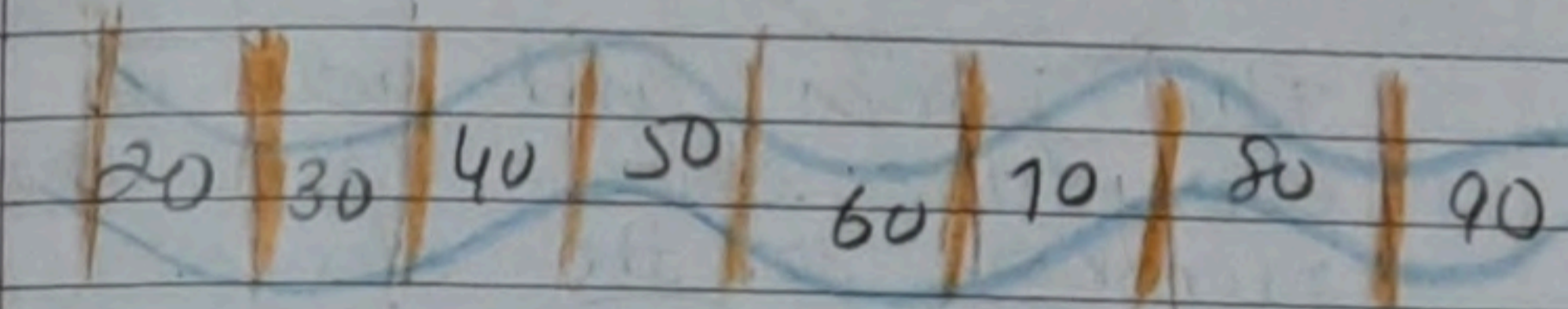
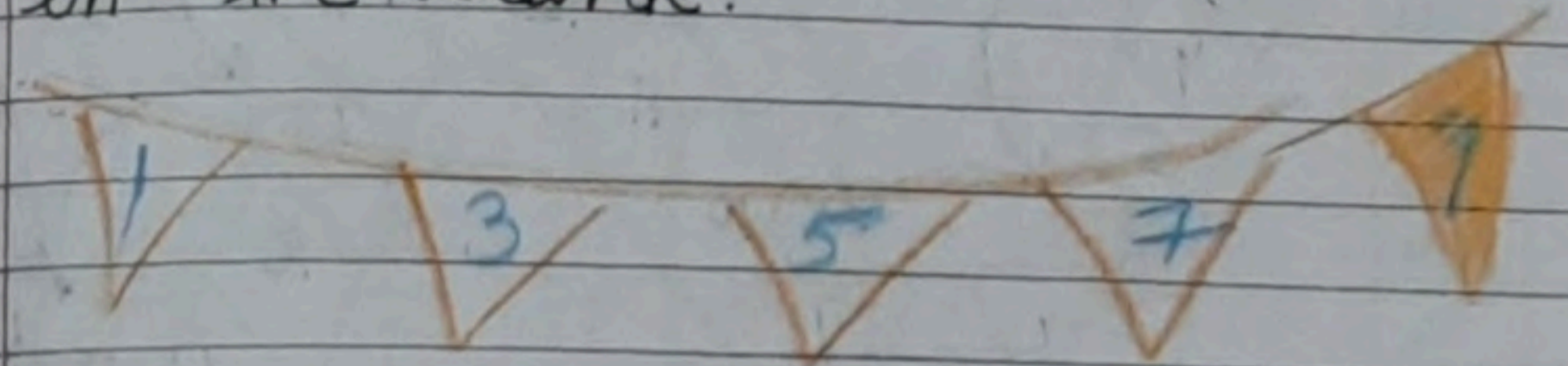
Now also make some patterns with ↑ arrows in your notebook



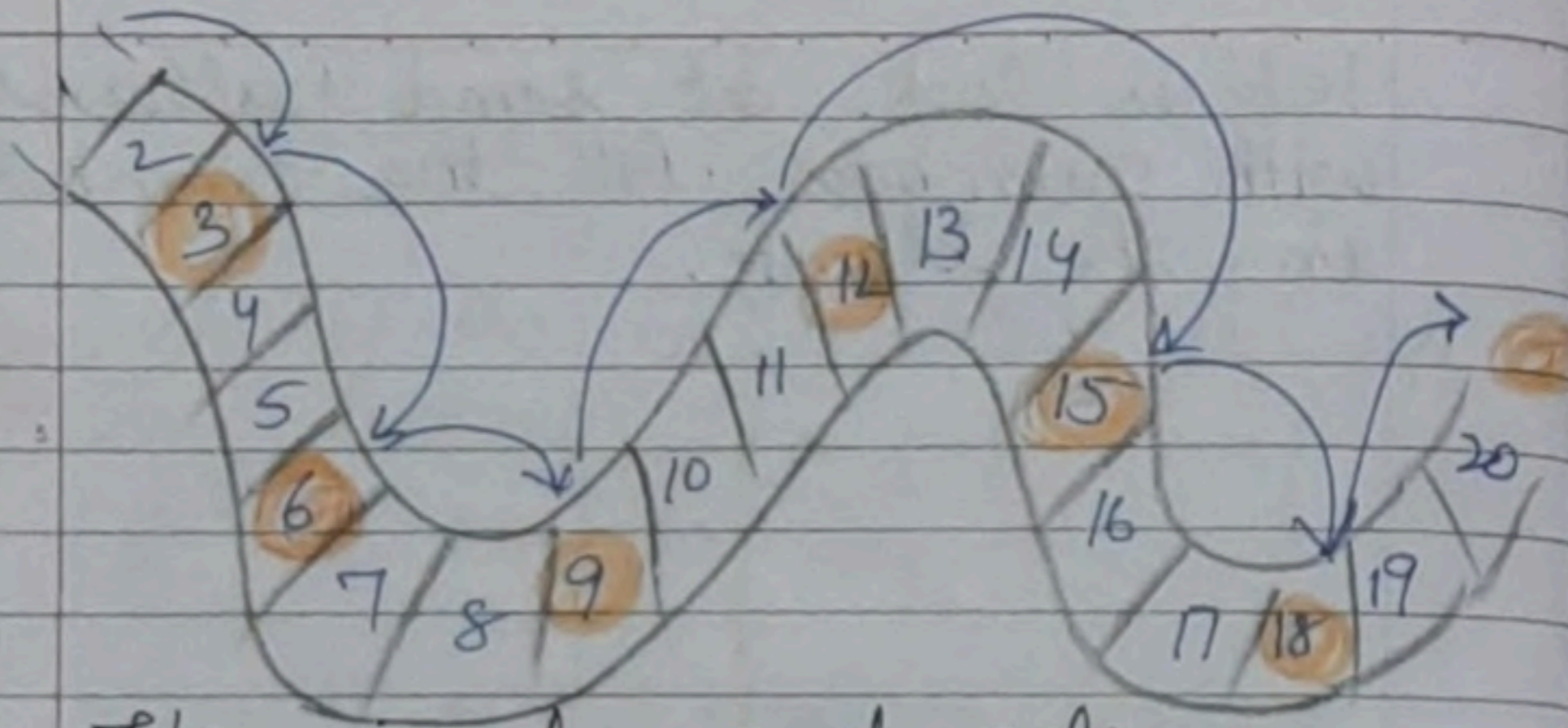
Look at the patterns and fill up the boxes.



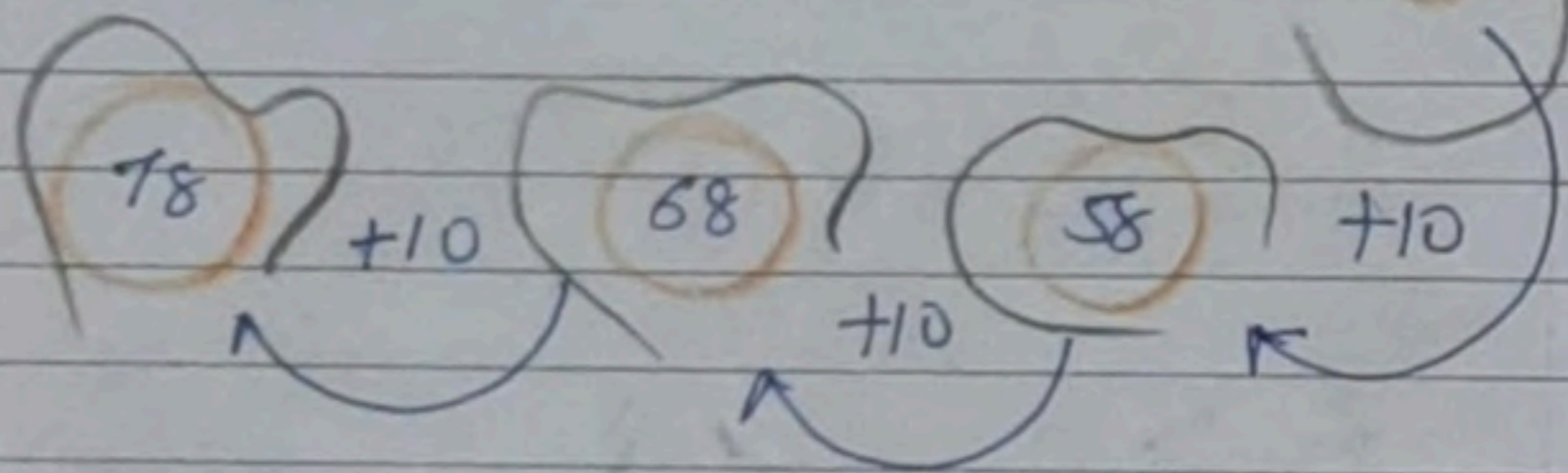
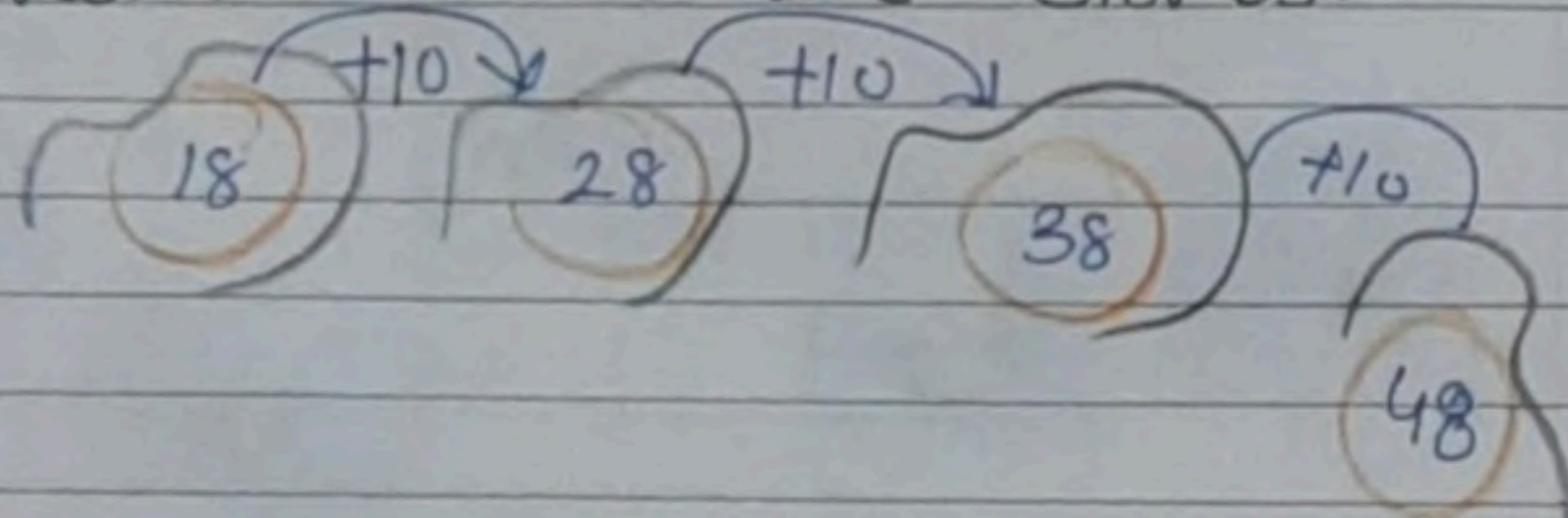
Let us look at some patterns with numbers. Fill the number in the blank.



Titu frog jumps over two numbers and reach the third number. Where will titu go next. make a ring on the other numbers.



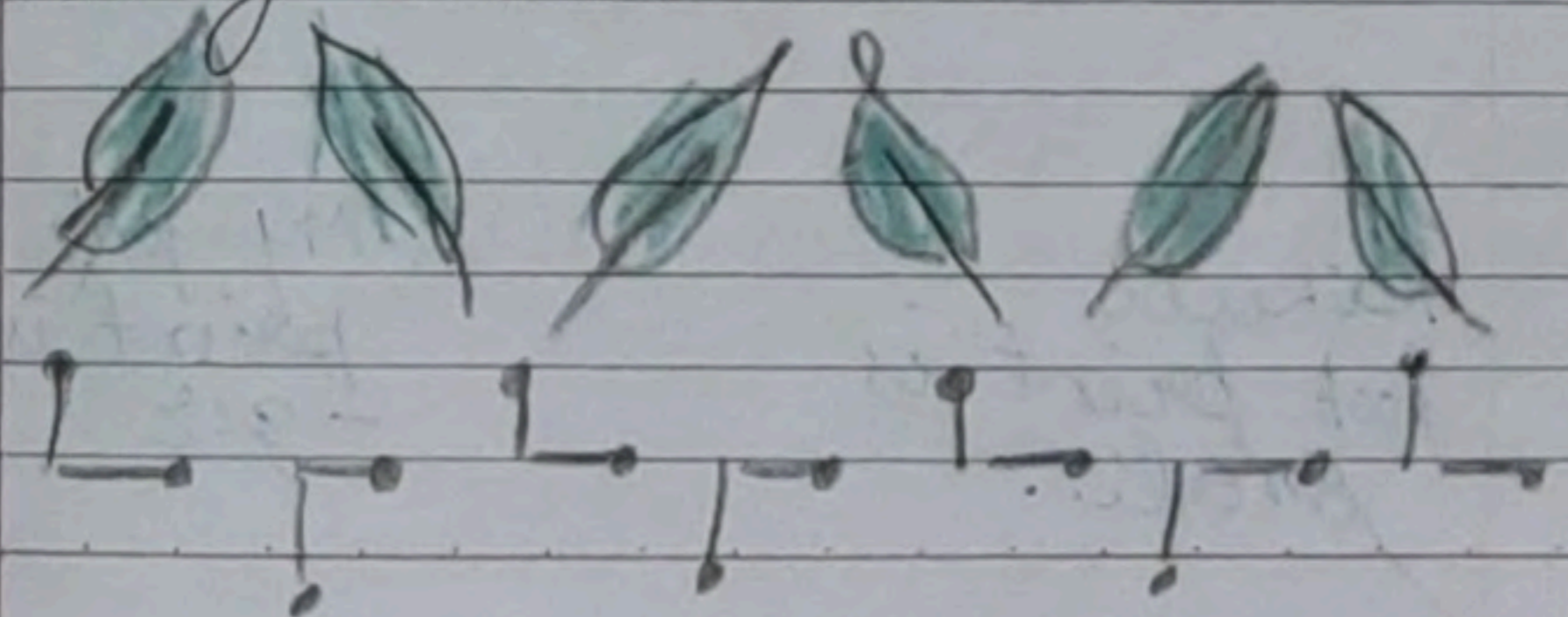
Tita jumps and gets on every 10th stone, write the numbers on the stones.



Read and write what comes next

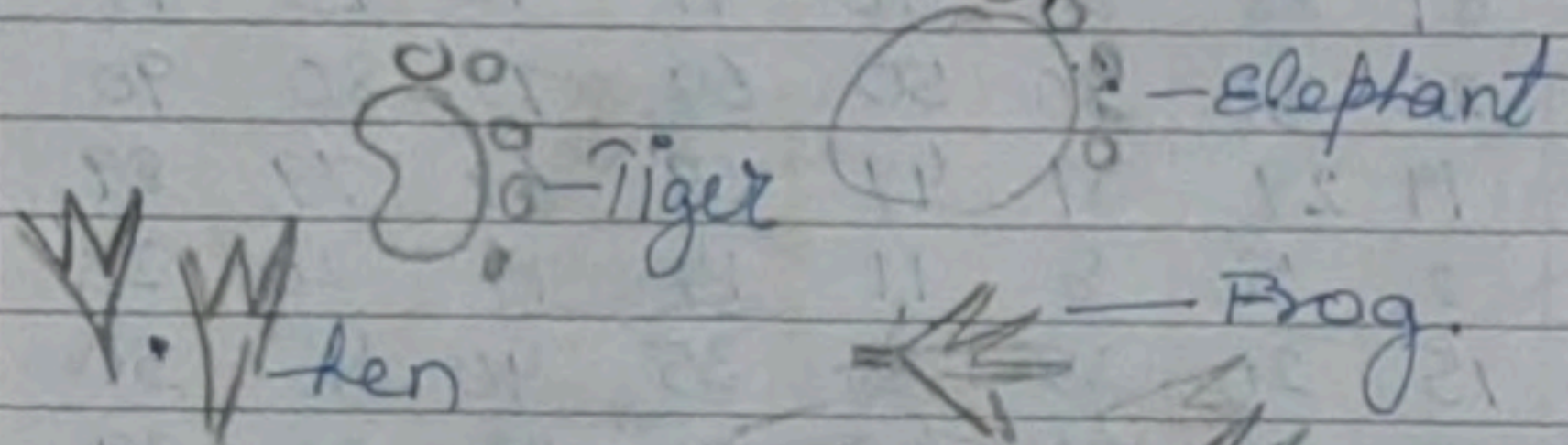
AA	BB	CC	DD	EE	FF	GG	HH	II
AB	CD	EF	GH	IJ	KL	MN	OP	QR
DAY	NIGHT	DAY	NIG	DAY	NIG	DAY	NIG	DAY
1	2	1	2	1	2	1	2	1
87	88	89	90	91	92	93	94	95
20	30	40	50	60	70	80	90	100
19	29	39	49	59	69	79	89	99
2	5	8	11	14	17	20	23	26
15	20	25	30	35	40	45	50	55
18	21	24	27	30	33	36	39	42
52	54	56	58	60	62	64	66	68
5P	6Q	7R	8S	9T	10U	11V	12W	13X
85	75	65	55	45	35	25	15	5
55	50	45	40	35	30	25	20	15
40 ²⁰	38 ¹⁹	36 ¹⁸	34 ¹⁷	32 ¹⁶	30 ¹⁵	28 ¹⁴	26 ¹³	24 ¹²

Now, you also collect some leaves and arrange them in different patterns. Also draw patterns using matchsticks.



FOOTPRINTS

Can you match the animals with their foot prints?



Draw the foot prints of a dog in this box?

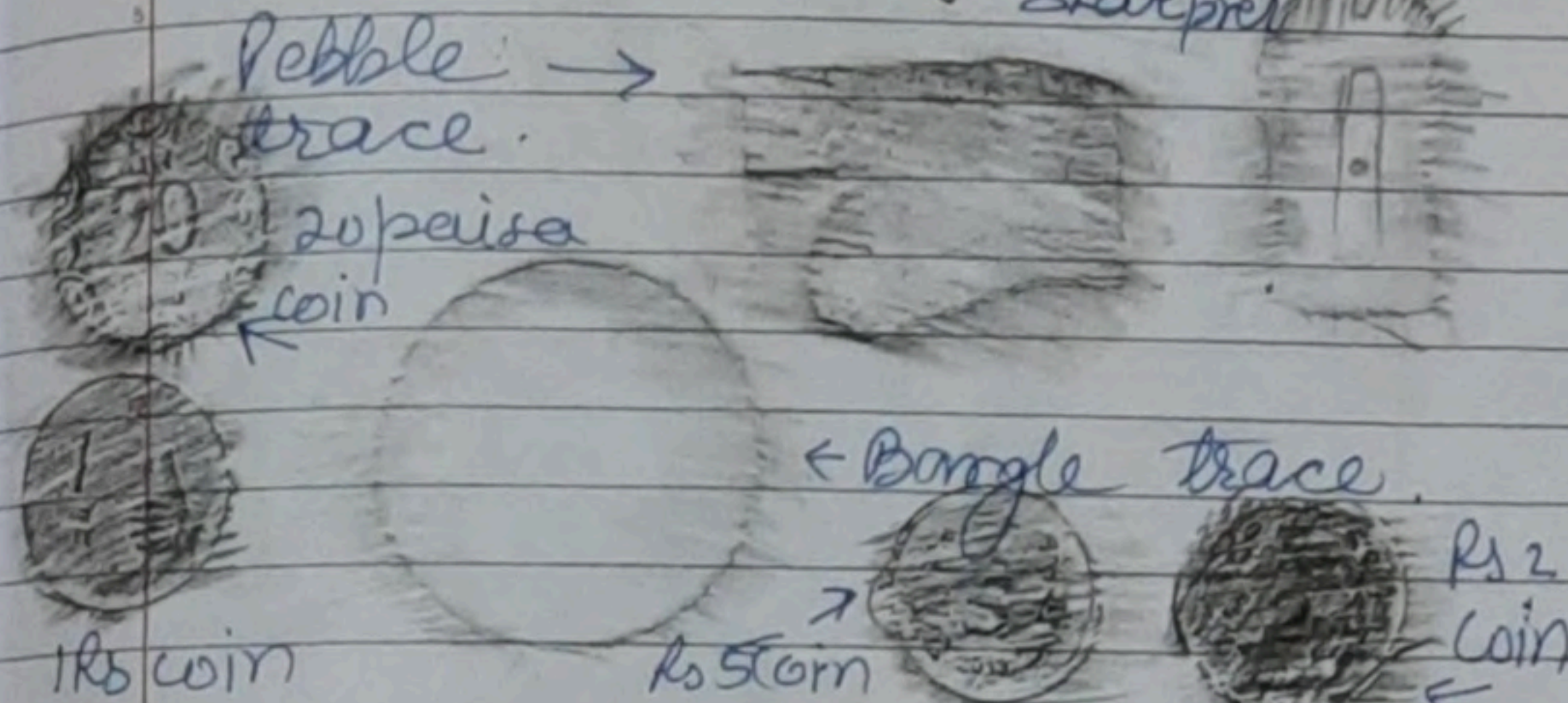


Make the foot print of your friend on the floor. Is it smaller than yours.

Rohit's foot print is small.

My foot print is big - ger

Ron is tracing a leaf. you also collect a few things like leaves, pebbles, a stick, a bangle, bindis. Trace each thing here.

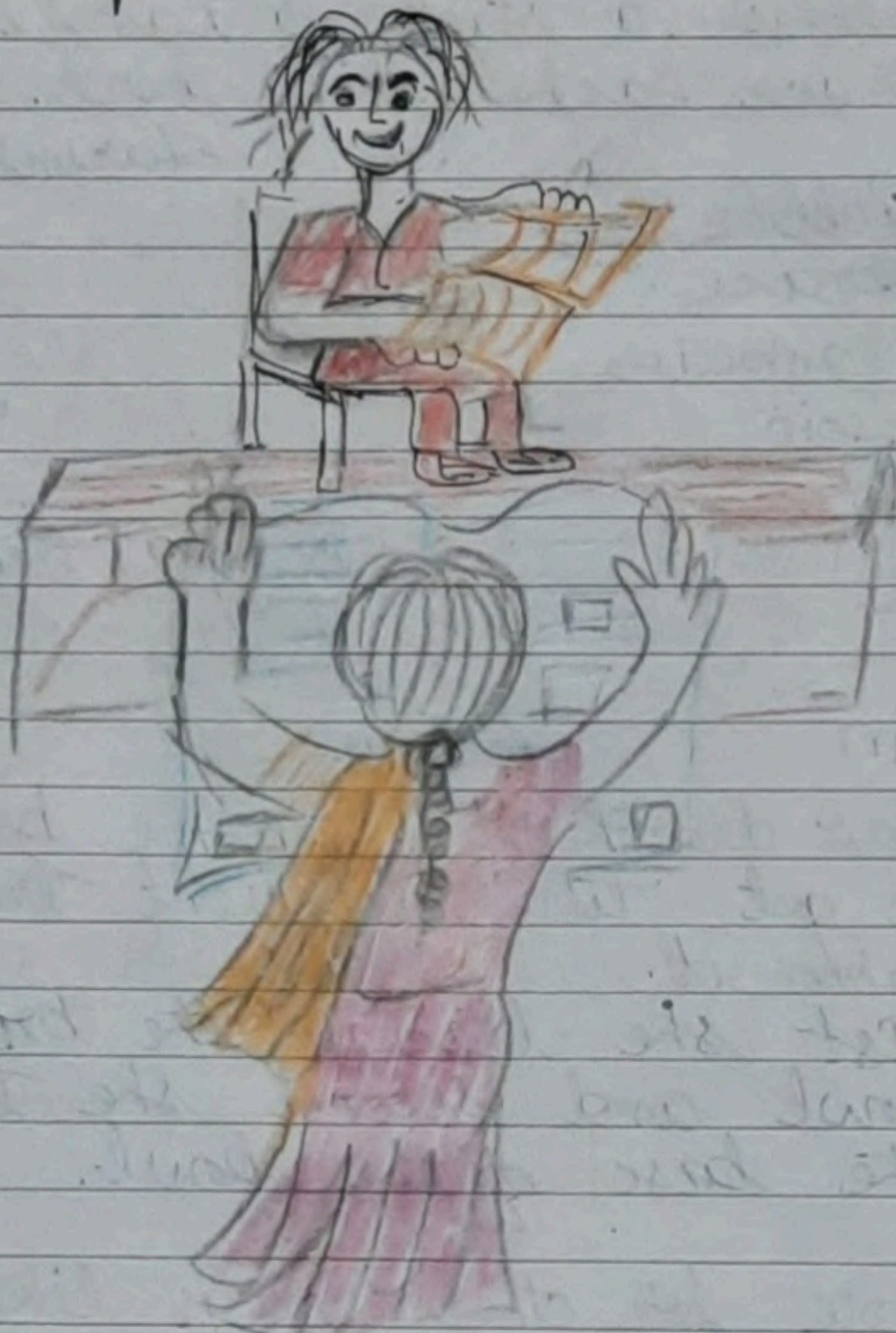


How did Rookie keep the bowl to get two different traces from it.

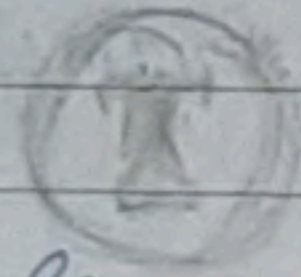
1st she traced the brim of bowl and second she traced the base of the bowl.

Look for other things like Rookie's bowl which can give many different traces. Brim of glass cup and glass. Base of cup. - Brim of cup. Base of glass

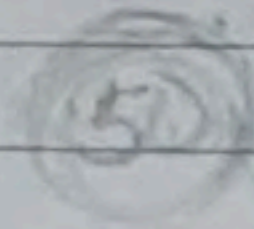
Draw the missing things in the picture.



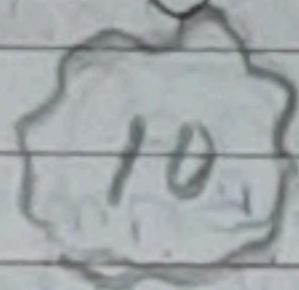
Trace each thing and guess.



1 Rs coin

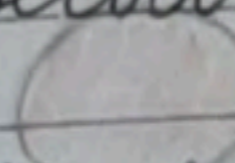


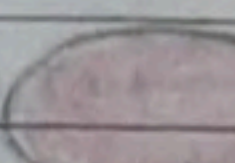


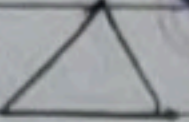
50 paise

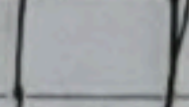


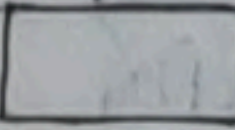
10 paise

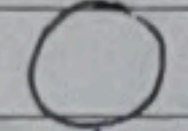
Look at the shape of each trace you have made. See if it looks like any of the shapes given here. Write the name of the things below the shape.

				
1	circle	rectangle	triangle	oval
2	Chappati	clock	samosa	egg
3	clock	window	chips	potato
4	bowl	door		
5	plate	tile		
6	coin	matchbox		
7	lid	tea bag		
8				

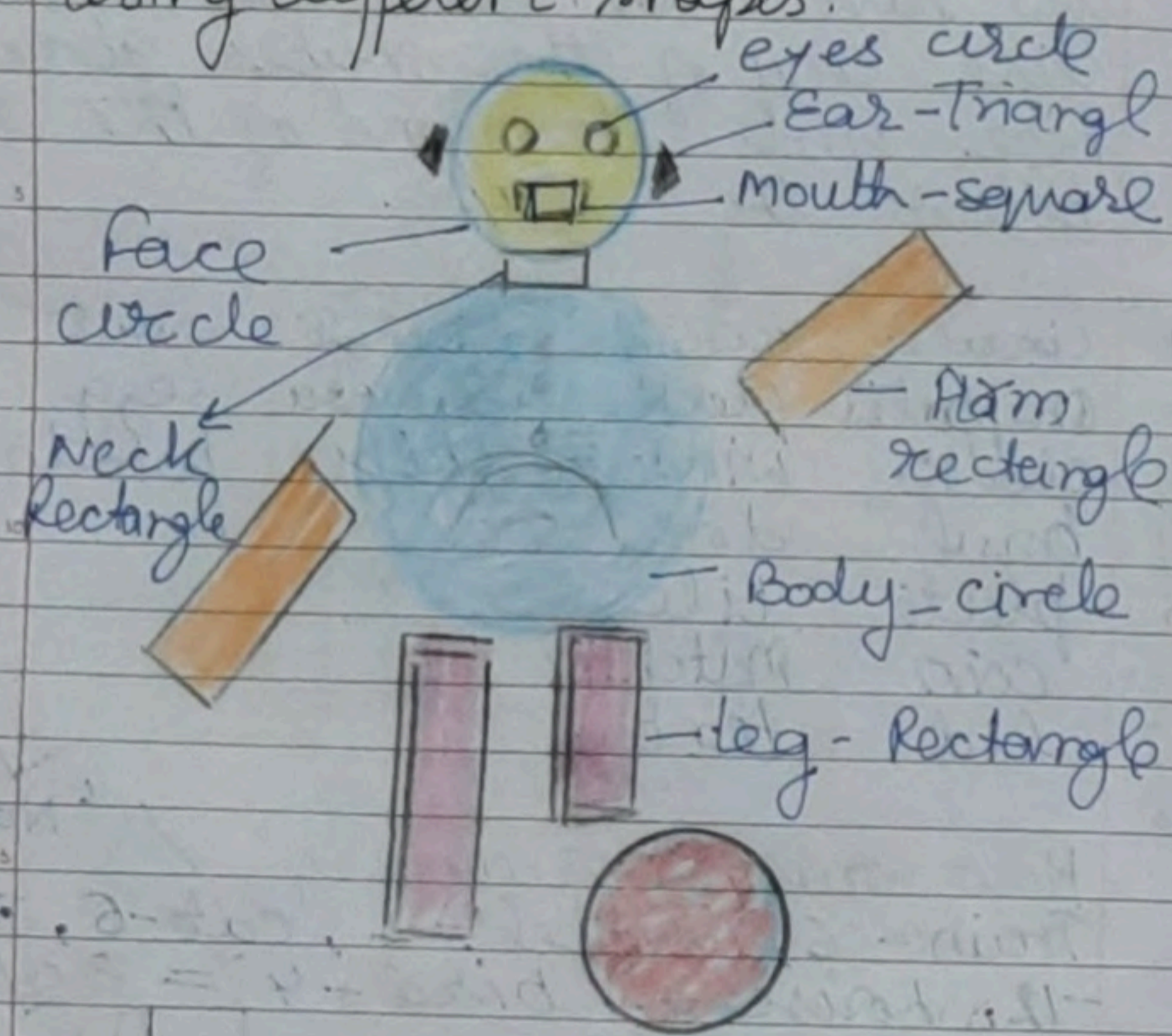
How many triangles?  'Nase'
Train - 6, Puppel - 2, cat - 5, Jocker - 12, house - 2, bird - 4 = 32

How many squares? 
Jocker - 6, train - 1, house - 2
total - 9 square.

How many rectangles? 
train - 40, puppel - 3,
total - 7.

How many circles? 
cat - 4 (consider eyes also), Train - 10
puppel - 10, bird - 3, Jocker - 4 = 31


Now, make your own picture using different shapes.



make a drawing using rectangle.

Wall drawing



A wall has bricks that are 

Bisania wants to dress up for a dance, use different shapes in the box and draw jewellery on her.

Face ①



Face ②



Face ③



Face ④



JUGS AND MUGS

How many drops of lemon juice do you get from half a lemon.
10 drops.

How many drops of lemon juice do you get from a full lemon.
20 drops.

How many drops of lemon juice fill one spoon.
15 drops.

For making 6 glasses of lemon drink - How many lemons will you need?
we will need 6 lemons.

How many spoons of sugar will you take?
12 spoon (2 each glass)

Do you think it is easier to pour into a glass from

a jug than a bucket.
yes, it is easier to pour into a glass from a jug than a bucket.

Nazim found that two big glasses fill the jug. Stabram wants to buy one jug full of lemon drink. How much does she need to pay.

one jug = 2 glasses big size.
one jug = 10 + 10
one jug = Rs 20.

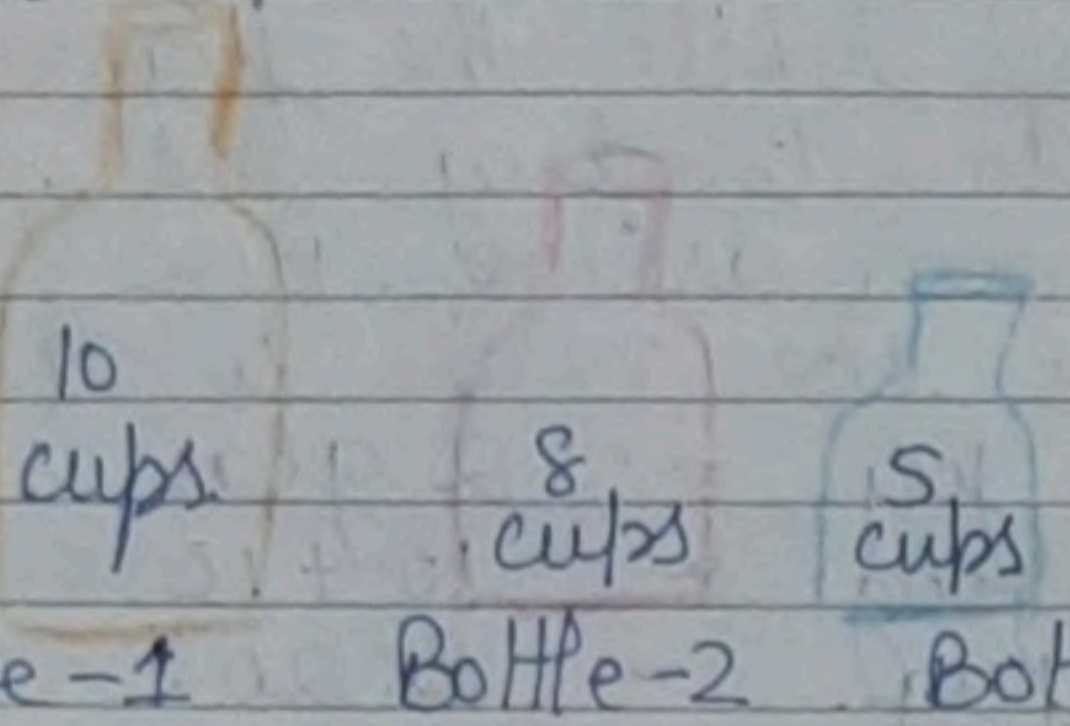
chaitra found that two small glasses fill one big glass. How many small glasses of lemon drink will fill the jug.

1 big glass = 2 small glasses. - (1)
2 big glass = 1 jug. - (2)
using (1) and (2)
4 small glasses = 1 jug.

Find out how many cups of water will fill your bottle.
10 cups.

Which bottle holds less water.
Second, bottle holds less water.

Which bottle holds the least water
Third bottle holds the least water.



guess which vessel holds the least water: Bowl.

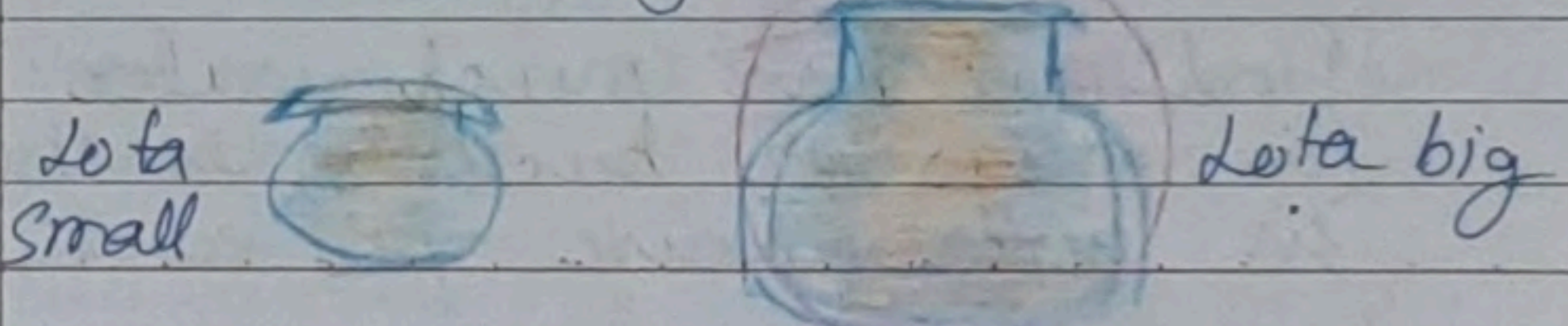
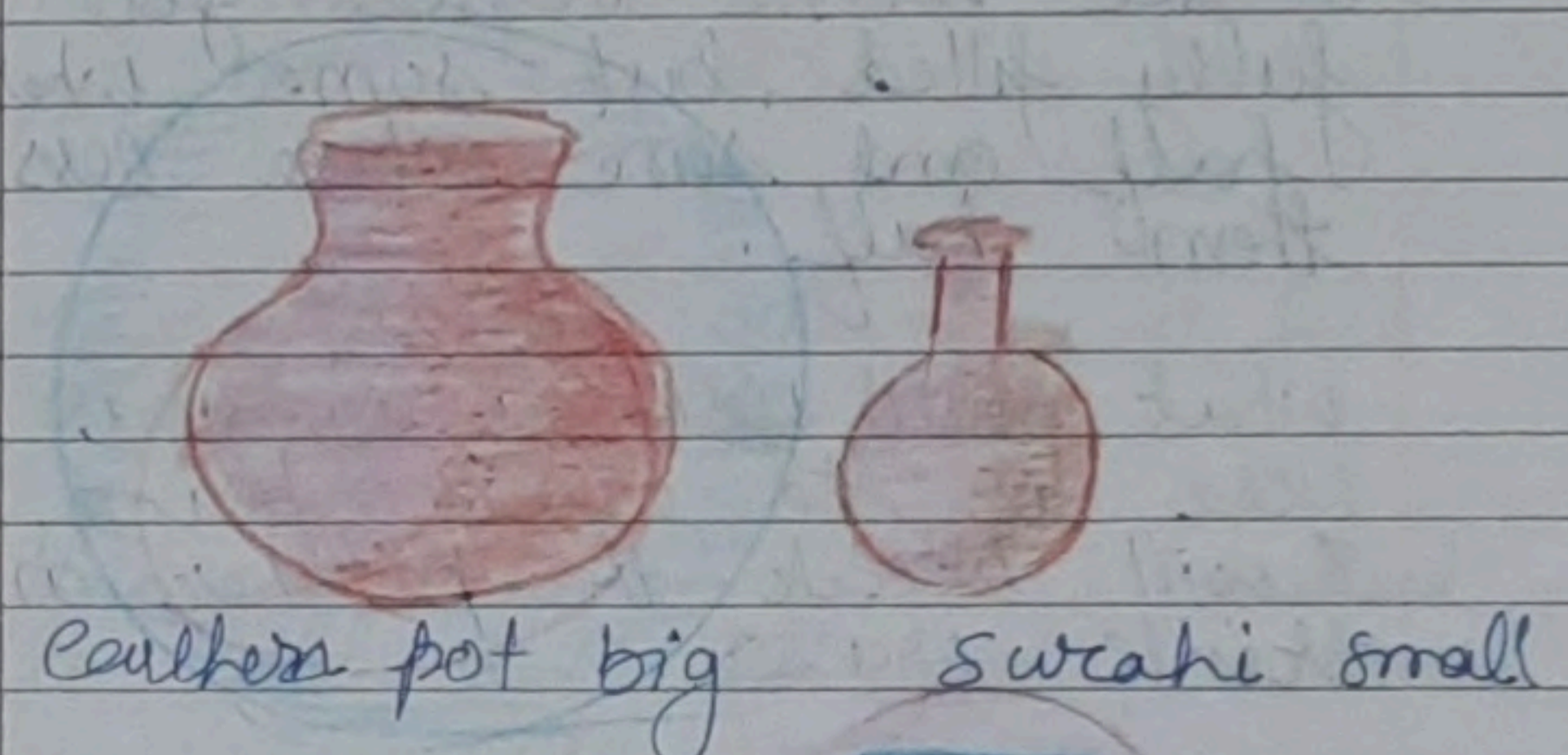
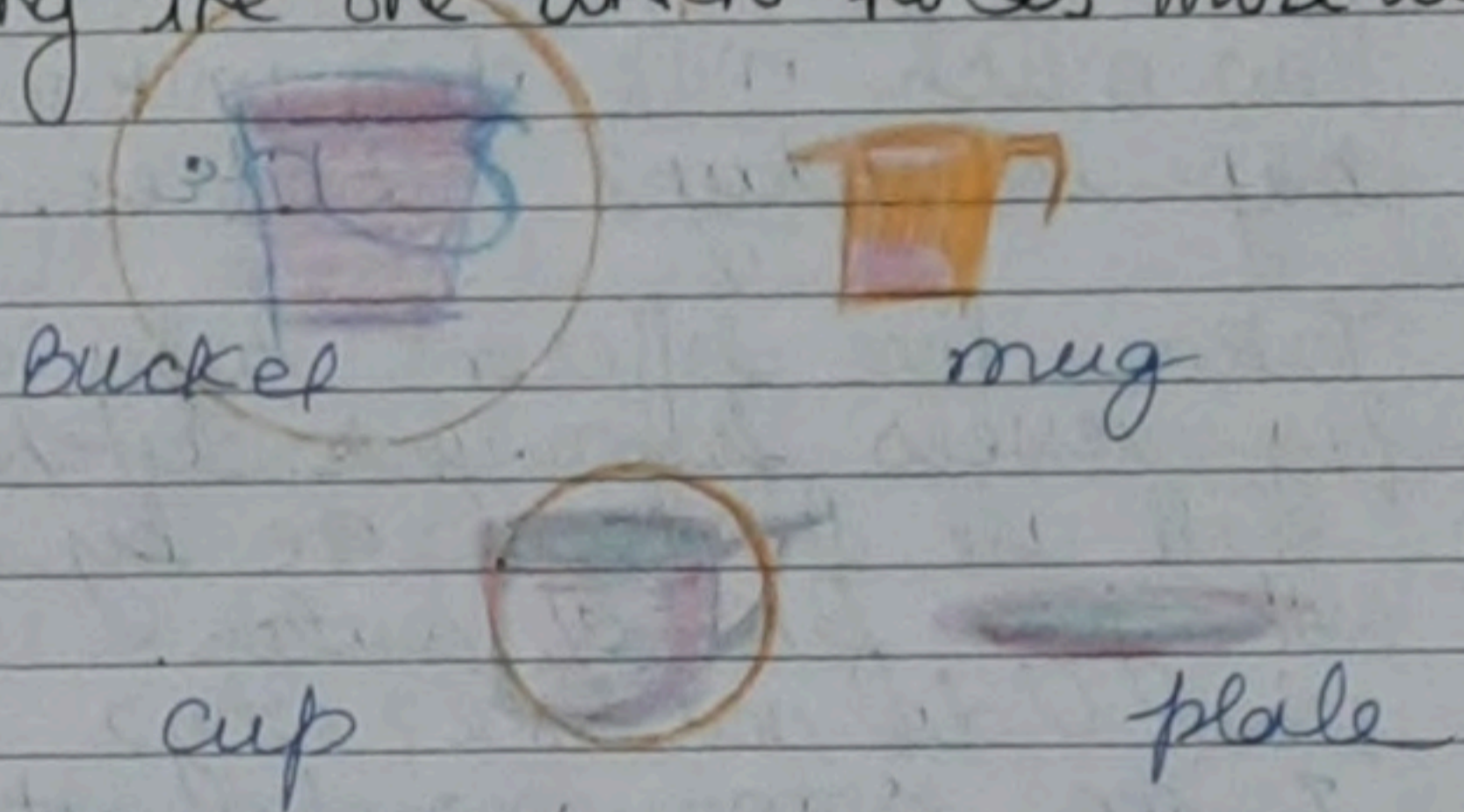
Which vessel holds the most water: pot - (patila)

Count the number of cups of water each of them can hold.

The vessel you used	Cups of water to fill
① Bowl	2 cups
② Jug	10 cups

mug : 5 cups
glass : 3 cups
pot : 20 cups.

Ring the one which holds more water.



Do you think Anil has given Ravi less milk? Help her.
No, Anil has not given Ravi less milk.

How much milk does your mother buy everyday? 2 litres.

Take five different types of big vessels from your kitchen. Fill all of them one by one with jug full of water.

What do you see? Why?

I see some vessels got fully filled, but some were half and some were less than half.

What will you do if you were at the crow's place.

I will break the pitcher and drink water.

Find out how much water (in mugs or buckets) is used in your house for each

of the following.

Bathing - 20 mugs
Washing clothes - 40 mugs
Washing utensils - 40 mugs
Drinking - 4 mugs

How many mugs of water fill one bucket? 20 mugs

How many buckets of water do you use to take a bath? 1 bucket

How many mugs of water do you use to take a bath? 20 mugs.

How much water will fill a balloon. half mug.

How much water is needed to fill a water gun (pichkasi) one mug.

How many buckets can two camels drink at once.

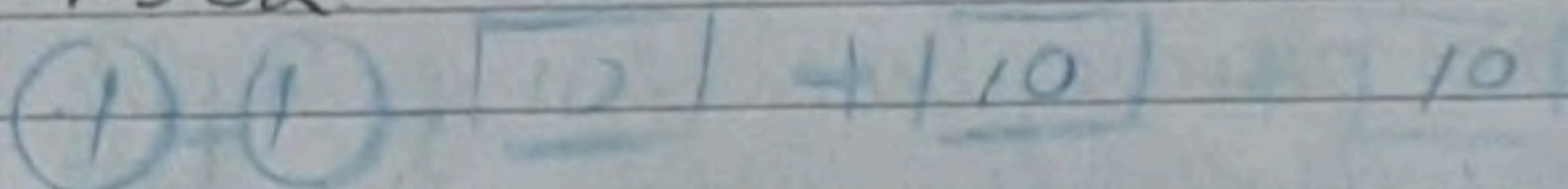
one camel - 9 buckets
two camels = 18 buckets at once

TENS AND ONES

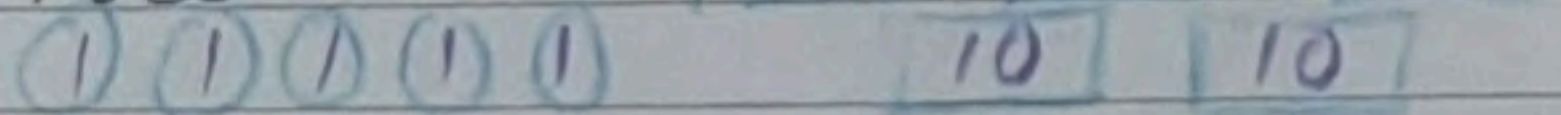
Can you do this without uncle's help? Draw a 10 rupee note and ten rupee coins you will give for these things?
Rs 20.



Rs 32



Rs 55



Rs

How much money do the notes and coins make?

(a) = Rs 33

(b) = Rs 10.

(c) = Rs 27

(a) = Rs 45

Now you write these and also say them aloud.

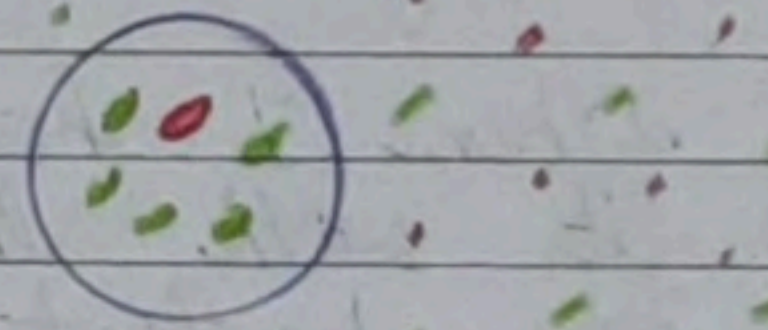
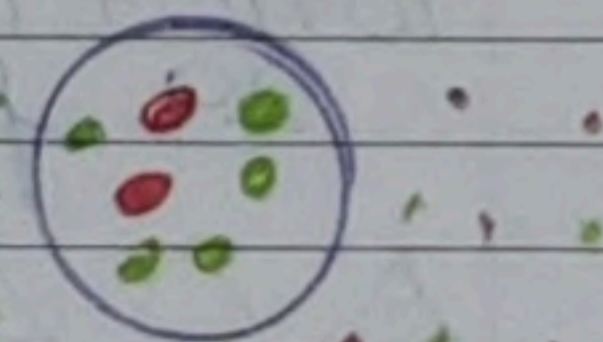
- 1) $27 = 20 + 7$
- 2) $31 = 30 + 1$
- 3) $54 = 50 + 4$
- 4) $99 = 90 + 9$
- 5) $63 = 60 + 3$
- 6) $36 = 30 + 6$
- 7) $82 = 80 + 2$
- 8) $12 = 10 + 2$
- 9) $19 = 10 + 9$
- 10) $11 = 10 + 1$
- 11) $17 = 10 + 7$

Bengle + throw
Red = 10 pts.
green = 1 point

1) Total = $10 + 10 + 1 = 21$ pts.

Throw two: —

2) $10 + 1 + 1 + 1 + 1 + 1 = 15$ points



will be left? write here.

	How many teams	Students
Class 1	5	3
Class 2	4	2
Class 3	3	5
Class 4	5	4
Class 5	2	6

How many students are left in all? 20, Twenty $(3+2+5+4+6)$

How many more teams can be made with all these students left?
2 teams.

Find out the number of children in each class of your school.
53 students.

make teams of ten for each class:

5 teams

How many children are left
3 students are left.

CHAPTER 9

MY FUNDAY

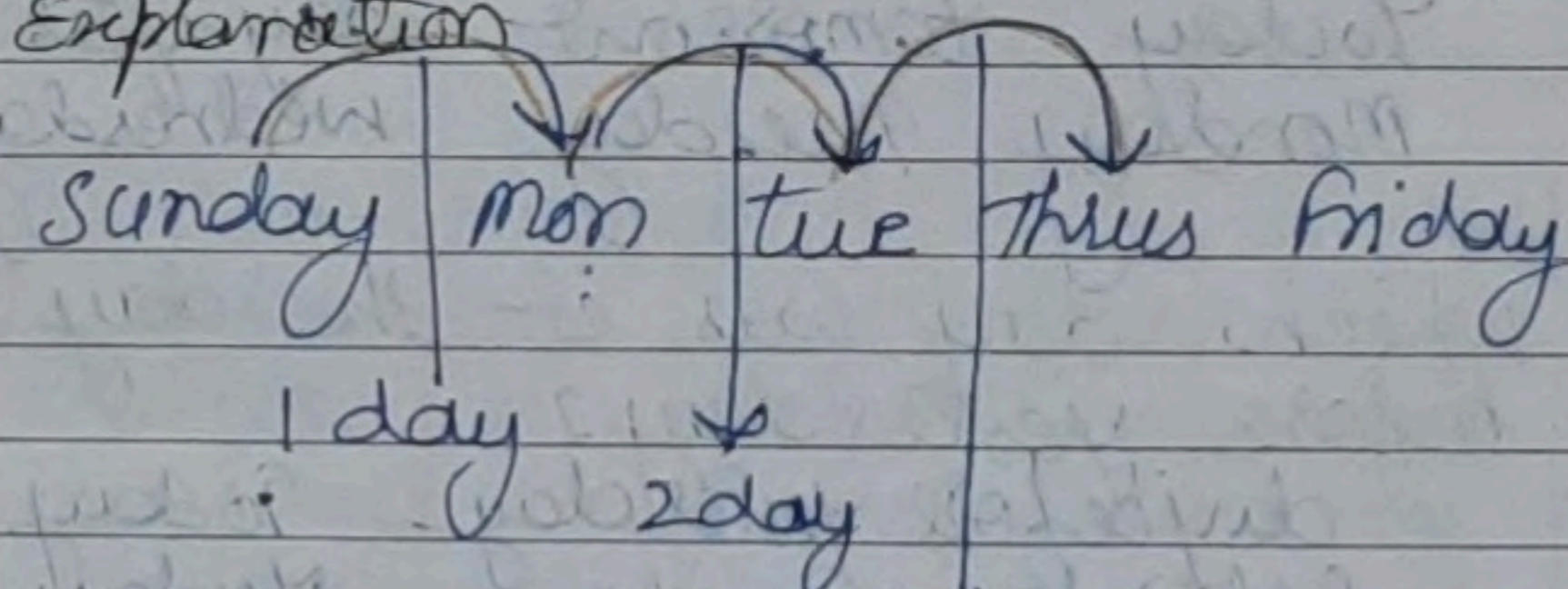
Is Sunday funday for you?
Yes, we don't have to go to school.

- a) The third day of week is Wednesday.
- b) Fifth day of week is Friday.
- c) Second day of week Tuesday.
- d) The last day of the week is Sunday.

which day will come

- a) After Sunday? Monday
- b) Before Sunday? Saturday
- c) After Wednesday? Thursday
- d) 2 days after Sunday? Tuesday
- e) 4 days after Wednesday? Sunday
- f) 7 days after Monday? Monday

Explanation



∴ Third day after Sunday is Thursday.

Which do you like most? why?
I like Sunday because we don't have to go school it is a fun day.

What is the day today?
Today is Monday.

Which day was yesterday?
Sunday.

Which day will it be tomorrow?
Tuesday.

Which day will be the day after tomorrow?
Wednesday.

Today	tomorrow	day after
Monday	Tuesday	wednesday

Which day was it the day before yesterday?
day before yesterday Today
Saturday Sunday Monday
Ans: Saturday

Day	Teacher Role player
Monday	Vaibhav
Tuesday	Alpara
Wednesday	Gaurav
Thursday	Gurpreet
Friday	Deepak
Saturday	Rehnuma

a) Rehnuma will be teacher the day after Friday

b) Vaibhav will play the teacher's role on the day before Tuesday.

c) Gaurav will play the teacher's role on the day after Tuesday

d) Deepak will play the teacher's role on the day before Saturday

Monday	Hindi	Maths	Games	Eng	Music
Tuesday	Hin	Maths	Draw	Eng	Lib
Wednes.	Hin	Maths	Games	Eng	Lib
Thursday	Hin	Maths	Draw	Eng	Music
Friday	Hin	Maths	Games	Eng	Music
Saturday	Hin	Maths	Draw	Eng	Lib.

Look at the time table of class II-A and fill in the table.

Period	on which days?
Drawing	Tue. Thurs, Sat.
Music	Mon, Thurs, Friday.
Games	Mon, Wed, Friday.
Library	Tue, wed, Saturday.

a) on which days do you have a games period?
Mon, wed, Friday.

b) How many children would like to have a games period every day?
We have 53 students all of them wants to have games period every day.

c) what games do you play in your games period.
Basketball, football, badminton, volleyball, kho kho, kabaddi etc.

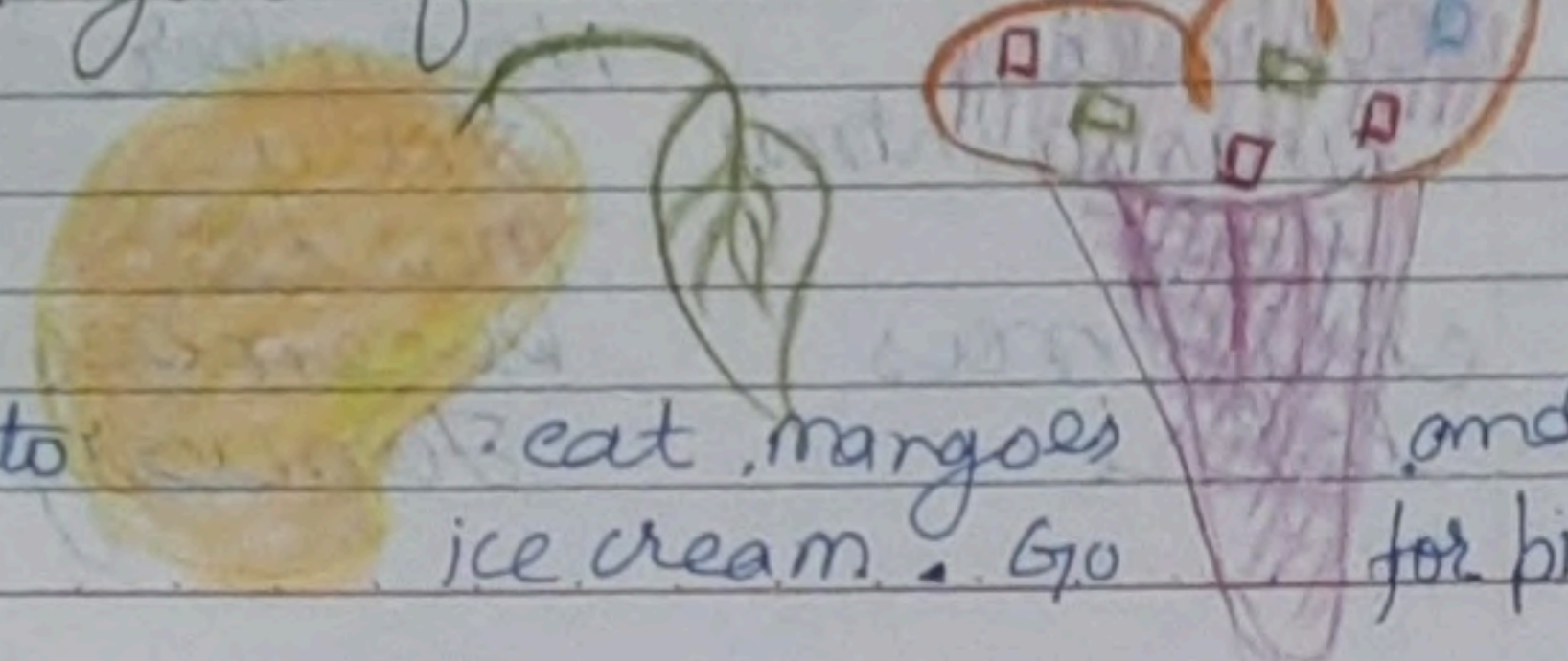
d) on which days do you have a drawing period.
Tuesday, Thursday & Saturday.

e) Do you have a music period? If yes, on which days?
Monday, Thursday, Friday.

f) which day of the week do you like best at school?
Saturday, because next day is holiday.

Which month do you like best?
June, I like summer because you can eat ice cream, mangoes and cold drinks.

Draw what you like to do in your favourite month.



I like to eat mangoes and ice cream. Go for picnic.

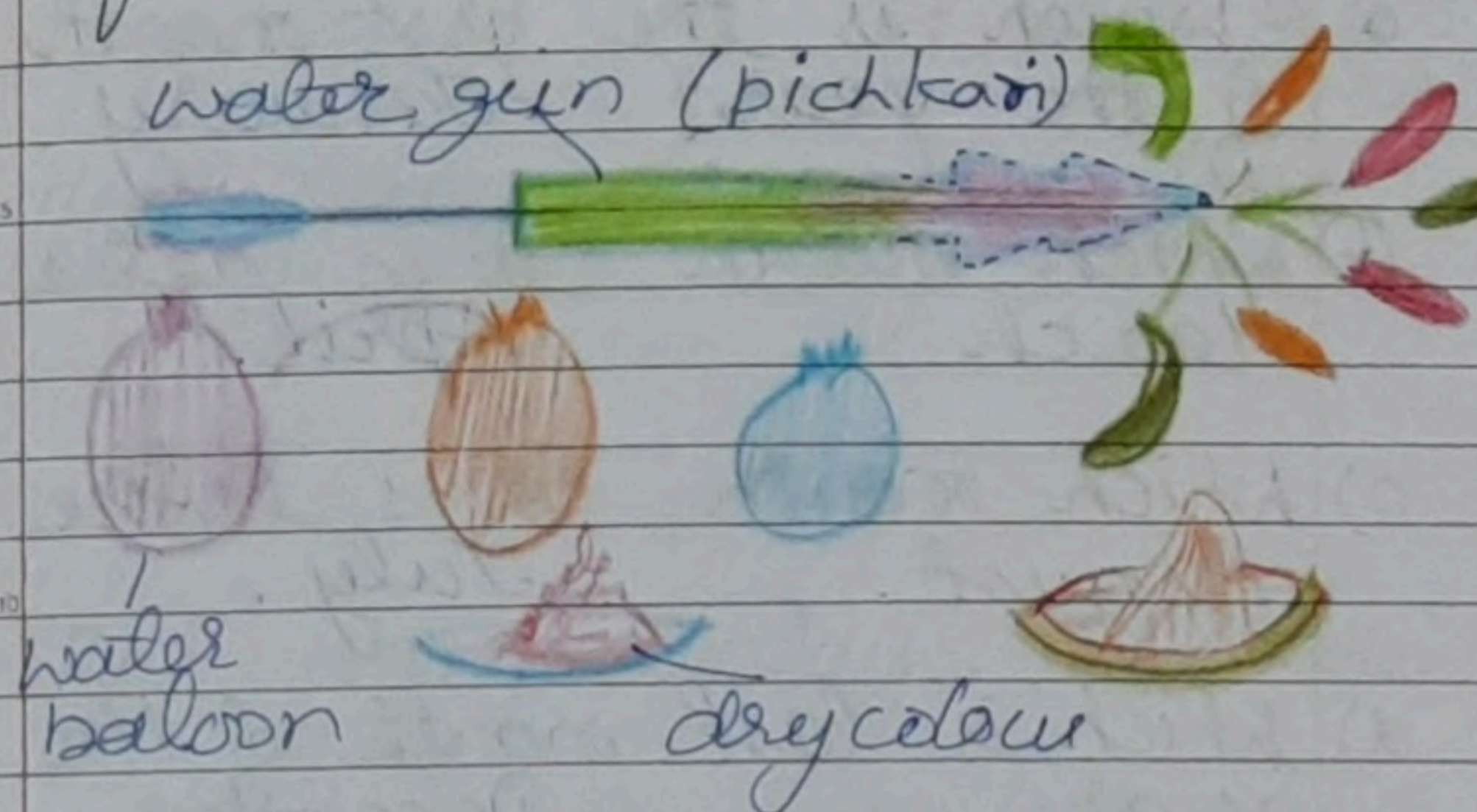
What I like best. months in which it comes.

Fruit	(summer)
Mango	June, July
Water-melon	"
vegetable	
Lady finger	(summer)
Brinjal	June, July
Flower	
Rose	February, March
Jasmine	"
Marrygold	"

Write the names of five festivals that you or your friends celebrate. Also write the months in which these festivals come.

FESTIVAL	MONTH
Diwali	November
Janamashmi	July
Holi	March
Christmas	December
Lohri	January

Draw a scene of any of the festivals?



Names of some of the months are missing in the list given below. Fill in names of those months.

January	September
February	October
March	November
April	December
May	
June	
July	
August	

- Look at the calendar to find out.
- Which is the first month of the year? January
 - Which month comes after March? April
 - Which month comes before August? July
 - Which is last month of the year? December

Look at a calendar to find out:

- Which months have 30 days?
April, June, September and November.
- How many months have 31 days?
7 months.
January, March, May, July, August, October, December.

- How many days are there in February?
28 days or 29 days (fourth year)
- How many days are there in ~~February~~ May & June
May: 31
June: 30
Total 61 days.
- How many Sundays are there in July?
usually four some times five.
- What is the day on your birthday? Monday.

How many days do you get for your summer holidays?
40 days.

How many winter holidays do you have.
20 days.

- 1) a) your teeth chattering due to cold? yes.
- b) your feet feel hot on walking bare foot? yes.
- c) Name one month when you can easily walk barefoot.
November.
- 2) Have you seen it raining for many days? yes.
- b) In which month does it rain the most in your area?
August.
- 3) a) Which are the hottest months in your area?
June - July
- b) Which are the coldest months in your area?
January, February, March.
- 4) Which fruits and vegetables are seen a lot in the market in these months?

May June

Fruits

Mango
Guava
Watermelon
Musk melon
Lemon.

vegetables

Bitter guard
Cucumber
Ladij finger
Potato
Snake guard.

December - January

Fruits

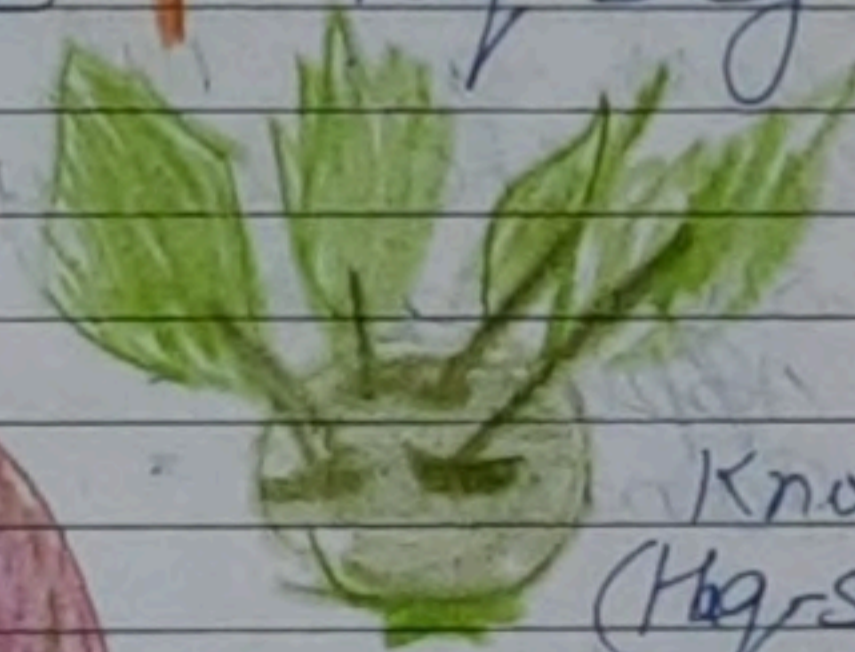
Apple
Banana
Orange
Kinno
Mosambi
Pomegranate

vegetables

Turnip
Carrot
Ra. dish
Cabbage
Cauliflower
Hag-sag



Pomegranate

Knob
(Hag-sag)

ADD OUR POINTS

$16 + 7 = 23$

$18 + 10 = 28$

$19 + 15 = 34$

$49 + 13 = 62$

$14 + 7 = 21$

$33 + 11 = 44$



Who won the game?

Elephant won the game.

Who lost the game?

Tortoise lost the game.

Guess and Tell

Can she carry all the things?

Sugar case = 15 kg

Apples = 7 kg

Tomatoes = 8 kg

30 kg

NO, she cannot carry the things because it weights 5kg more, what bear can carry.

Write the missing points.

$16 + 5 = 21$

$24 + 8 = 32$

$16 + 13 = 29$

$30 + 5 = 35$

$23 + 7 = 30$

which side has 1?
Tails.

out of these, which two can they use to buy the things below? They can use the same note or coin more than one time.

① Bat Rs 20 : Rs 10 + Rs 10
= Rs 20

② Book Rs 10 : Rs 5 + Rs 5
Rs 10

③ Football Rs 40 : Rs 20 + Rs 20
Rs 40

④ T shirt Rs 60 : Rs 50 + Rs 10
Rs 60

⑤ Doll Rs 25 : Rs 20 + Rs 5
= Rs 25.

Do these.

$$5 + 5 + 7 = 14$$

$$6 + 5 + 4 = 15$$

$$9 + 4 + 1 = 14$$

$$7 + 3 + 8 = 18$$

$$8 + 3 + 2 = 13$$

Killer lizard

What path can the lizard take to eat 12 insects?

$$2 + 1 + 9 = 12$$

What path can the lizard take to eat 20 insects?

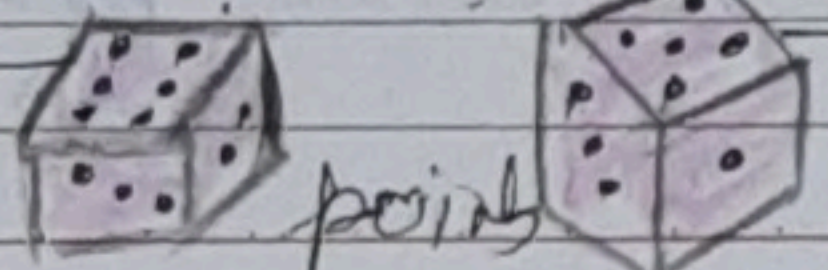
$$8 + 3 + 9 = 20$$

What path does the lizard take to eat 18 insects?

$$6 + 3 + 8 + 1 = 18$$

What path does the lizard take for 12 insects?

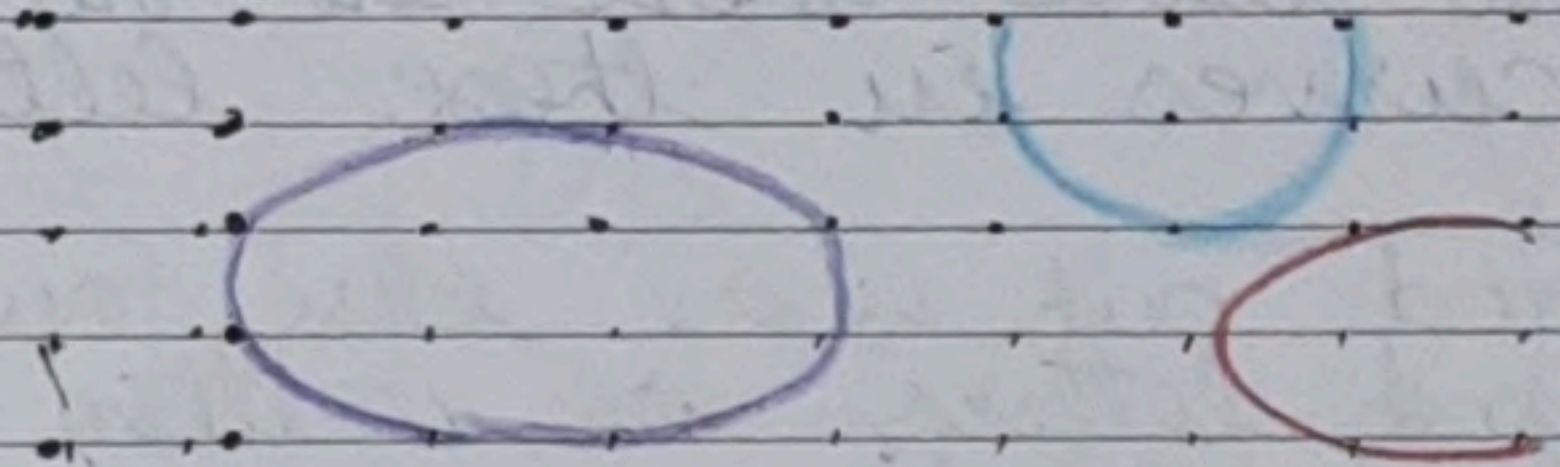
$$2 + 1 + 0 + 9 = 12$$

Q. How many points  top faces $6 + 5 = 11$

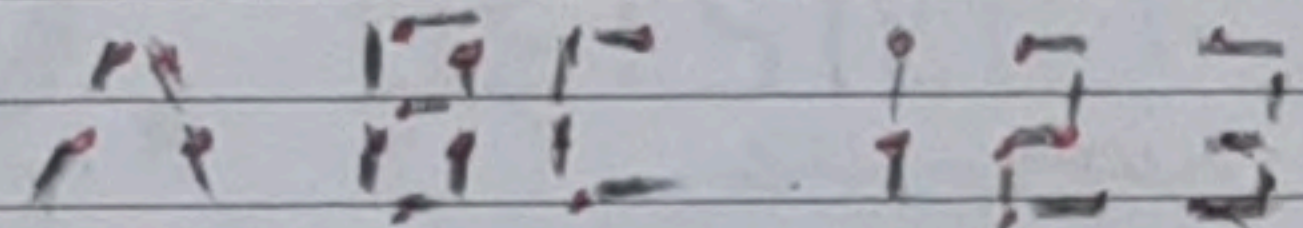
CHAPTER - 11

LINES AND LINES

Draw more curved lines by joining the dots.

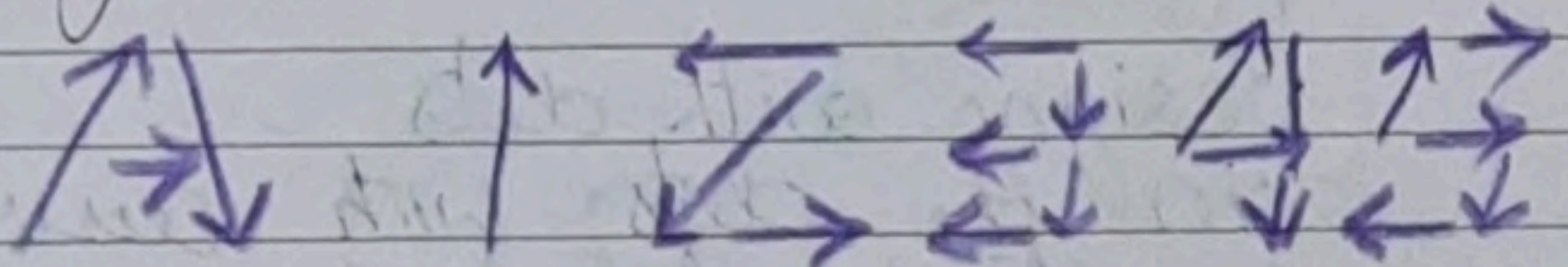


Collect used matchsticks. Have fun making numbers and letters with these.



Is there any number of letter that you cannot make with matchsticks. 'NO'.

Now write some numbers using straight lines.

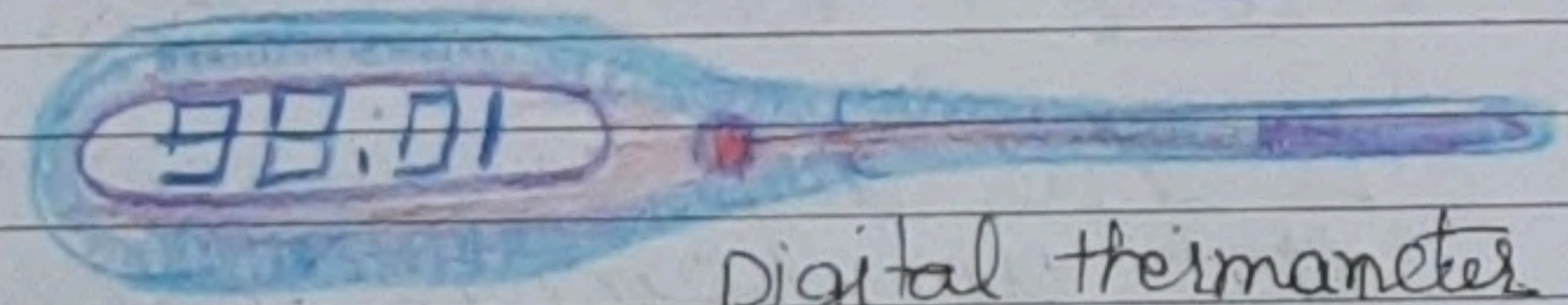
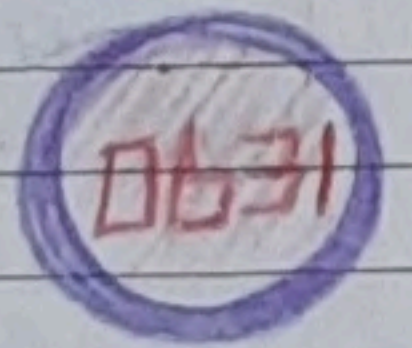
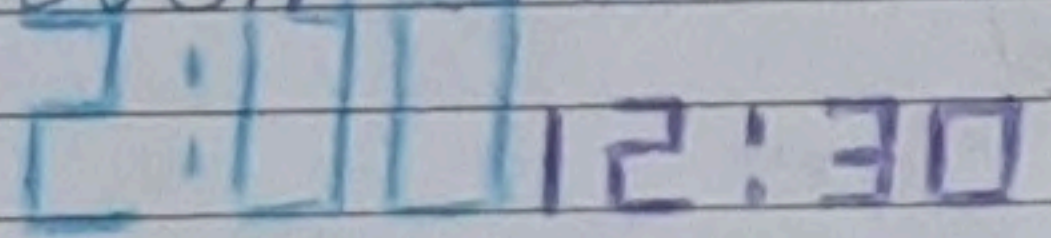


What about writing letters using straight lines? Which ones are easy?

A, E, F, H, I and K are easy to write there are no curves in these letters.

Find out where else numbers and letters are written with straight lines.

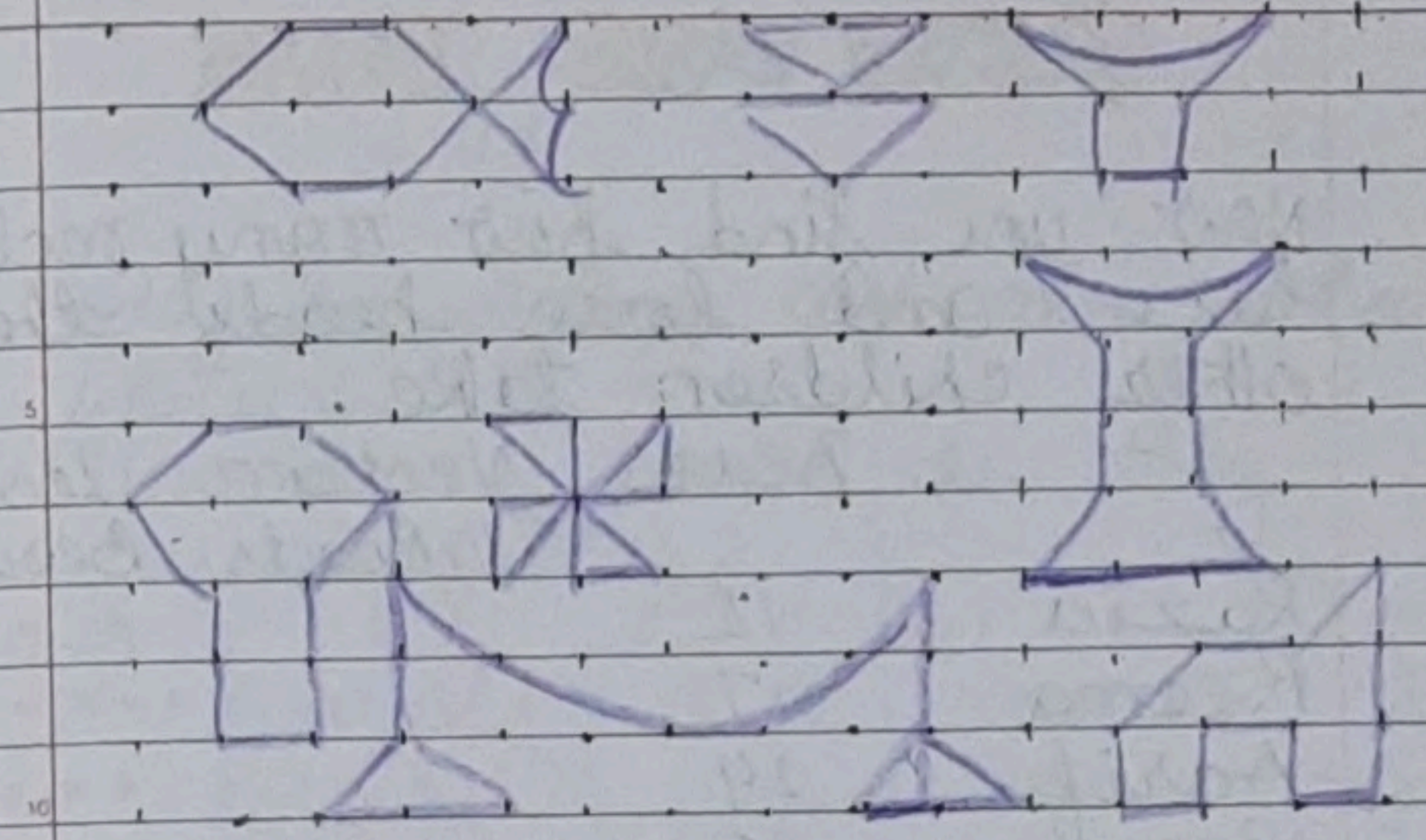
IN digital clocks, speedometer oven etc.



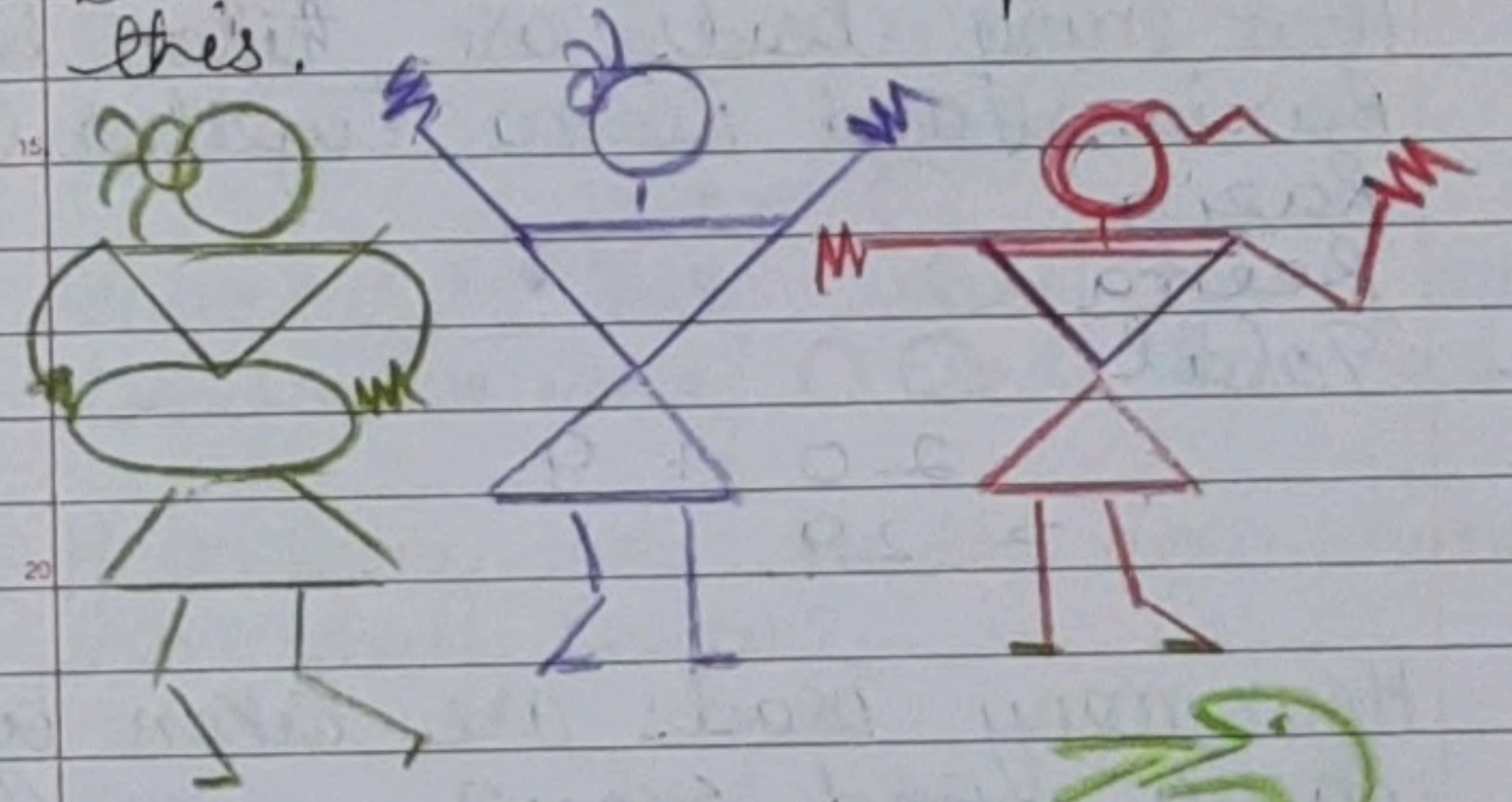
Digital thermometer

Does a traffic police man sometimes make curved lines? yes.

Designs with dots
Join the dots with curved or straight lines.



Lines in pictures.
Draw some more pictures like this.



GIVE AND TAKE

Now you find how many neck lace and loose beads the other children take.

	Beads	Necklace of 10 Beads	Loose Beads
Razia	12	○	• •
Reema	17	○	• • • • •
Aarif	24	○ ○	• • • •
Sonu	35	○ ○ ○	• • • • •
Simar	31	○ ○ ○	•

How many beads are taken by Razia and Reema together.

Razia	○ • •
Reema	○ • • • • •
Total	○ ○ • • • • • • •
	20 + 9
	= 29

How many beads are taken by Razia and Sonu?

Razia	○ • •
Sonu	○ ○ ○ • • • • •
Total	○ ○ ○ ○ • • • • •

$$40 + 7 = 47$$

Add by writing and also without writing?

How many beads do they have together?

(A)	(B)
Aarif 24	Reema 17
Razia + 12	Sonu 35
36 beads	52 beads

How many more beads?

(A)	(B)
Sonu 35	Aarif 24
Aarif - 24	Razia 12
11	12

Sonu has 11 more beads than Aarif. Aarif has 12 more beads than Razia.

(C) How many more beads does Simar have than Reema?

Simar	○ ○ ○ •	31
Reema	○ • • • •	17
		14

Simar will break one necklace.

Simar

Reema

Cancel necklace
and beads.

We are left with

one necklace 4 beads

$$= 10 + 4$$

$$= 14$$

Tanisha has 17 pencils. Siya has 25 pencils. How many pencils are there in all?

$$\text{Tanisha} = 17$$

$$\text{Siya} = + 25$$

$$\text{Pencils in all} = 42$$

In Muneeza's class there are 13 English story books and 22 Hindi story books. How many story books are there in all?

$$\text{English books} = 13$$

$$\text{Hindi books} = 22$$

$$\text{How many in all} = 35$$

Sakshi had 23 fruits. She ate 15 fruits. How many fruits are left?

$$\text{Sakshi had fruits} = 23$$

$$\text{She ate fruits} = 15$$

$$\text{Fruits left} = 8$$

Daljit has 35 marbles. Arvind has 25 marbles. How many marbles do they have in all?

$$\text{Daljit marbles} = 35$$

$$\text{Arvind marbles} = 25$$

$$\text{Total marbles} = 60$$

Nisha has 32 bangles. Sukhi has 16 bangles. How many more bangles does Nisha have?

$$\text{Nisha bangles} = 32$$

$$\text{Sukhi bangles} = 16$$

$$\text{more bangles} = 16$$

I will get _____ rupees.

$$\text{Money to be paid} = \text{Rs } 31$$

$$\text{money in hand} = 40$$

$$\text{balance} = 40$$

$$- 31$$

$$\text{Rs } 9$$

Shekhar has 32 rupees. He bought a ball for Rs 17. How much money is left with him?

Shekhar has Rs - 32
 cost of ball Rs - 17
 Balance Rs = 15

Soni bought biscuits for 24 rupees and a packet of chips for 16 rupees. How much money will she pay?

cost of biscuit = 24
 cost of chips = 16
 money to be paid = 40

Fantosh has 64 rupees. He spent 39 rupees at the fair. How much money is left with him?

cash in hand = 64
 money spend = 39
 money left = 25

THE LONGEST STEP

Can you tell why the elephant won.

Because elephant takes the biggest step.

Who takes the biggest step?
 Elephant.

Make a group of 3-4 friends, find out by drawing lines whose step is the longest.
 Mine step is the longest.

Find the distance between.

- The door and any window of your class.
 20 feet window & door.
- The blackboard and where you are sitting. 10 feet.

Can he use a handspan to find the length of all these?
 No, he can not.

Which things around you are less than your hand span.
 correction pen, sketch pen, eraser, sharpener, set square, cap of water bottle.

What would you use to find the length of those things?
 my thumb.

Who made the highest mud house?
 Shinchan.

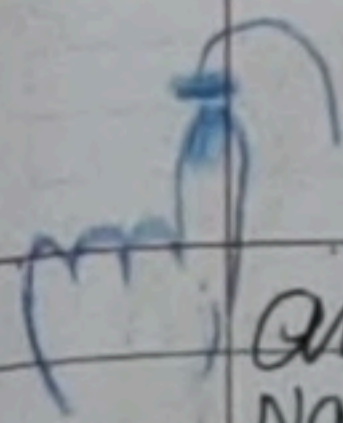
Whose mud house is the smallest?
 Chota Bheem.

Make a guess.

If the bigger tree is 6 metres high, about how high is the smaller tree.

It is half the length -
 3 metres.

Guess the length or height of the things shown below. Find the length to check your



1 finger

answer.

Name of thing	my guess	my result
Glass	8 fingers	8 fingers
Bucket	26 fingers	26 fingers
your hand	8 fingers	8 fingers
Teachers table	48 fingers	48 fingers
your nose	4 finger	4 finger
water bottle	15 fingers	15 fingers
your hair	4 finger	4 fingers

Use your fingers to find out the distance between the rat and the milk.

2 fingers

How far is the cat from the rat?

15 fingers

How far is cat from the milk?
 8 fingers.

What will the cat reach first?
 milk.

Can the rat save itself? How?

milk is near to cat, cat will come to drink milk and the rat will run.

Tell a story using this picture.

In a house there lived a rat and a cat. every day the house owner will give milk to cat.

The rat would take this as opportunity and eat out side and around. As soon as the cat finishes the milk. The rat would return to his hole.

How long is the rat's tail?

6 fingers

Who has longer whiskers? The rat or the cat?

Both have equal length (2 fingers)

Draw a leaf 2 fingers away from the stone.



Draw yourself anywhere on the page. Find how far you are from the monkey's nose.

I am 26 fingers away from monkey's nose.

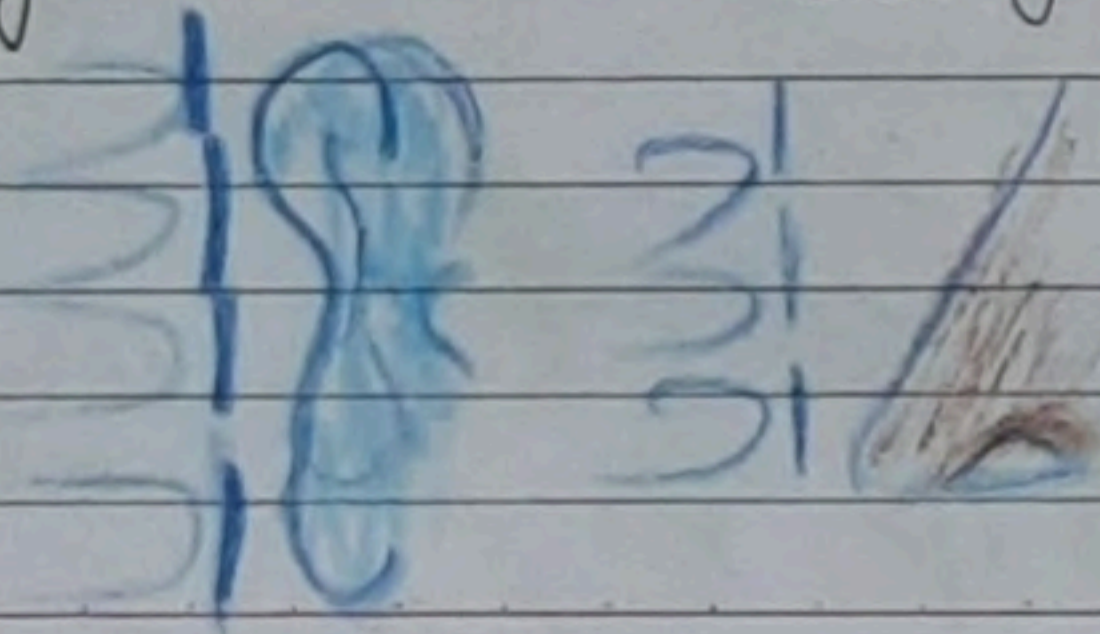
a) Do you agree with what they said?
yes, I do agree.

b) Check how many of your friends have:-

- 1) a face one hand span long = 49
- 2) the arm as long as the leg = 0
- 3) a forehead 4 fingers wide = 10

You can try and measure other body parts with your fingers and write their length.

- 1) your nose is 3 fingers long.
- 2) your ear is 3 fingers long.



BIRDS GONE BIRDS GO

In the same way, we will add the number of swans and cranes.

NOS of Swans	3	9
NOS of Cranes	3	1
	7	0

One morning Suraj saw that out of 70 birds only 26 birds were left. The rest had gone away.

How many birds have gone away?

	7	0	*	*	□	□	□	□	□
	2	6	*	*	△	△	△	△	△
	5	6							

56, birds have gone away.

Rahul scored 23 runs in a cricket match and Dhoni scored 69. How many runs did they make it all?

Rahul run's	=	23
Dhoni's run	=	+ 69
Total	=	92 runs.

Dema sold 48 shawls in a fair.
Next day he sold 17 more
shawls. How many shawls
in all did he sell $\square \Delta$

$$\begin{array}{r} \text{shawls sold day one} = 48 \\ \text{shawls sold day two} = +17 \\ \hline = 65 \end{array}$$

Bunnu rabbit can eat 29
carrots in one week. Munnu
rabbit can eat 42 carrots
in one week. Who eats more
in a week and by how much?

Bunnu eat \square Munnu eat Δ

$$\begin{array}{r} 29 < 42 \end{array}$$

Munnu rabbit
eats more carrots.

How much? $\square \Delta$

Munnu eat 42

Bunnu eat - 29

13

Munnu eats 13 carrots more.

Neha is 29 years old. Her mother
is 58 years old. How many
years older is Neha's mother?

$\square \Delta$

$$\begin{array}{r} \text{Neha mother's age} = 58 \\ \text{Neha's age} = 29 \\ \hline \text{difference} = 29 \end{array}$$

Mother is 29 years older than
Neha.

Find the answer.

$$\begin{array}{r} 24 \\ + 17 \\ \hline 41 \end{array} \quad \begin{array}{r} 37 \\ + 27 \\ \hline 64 \end{array} \quad \begin{array}{r} 68 \\ + 13 \\ \hline 81 \end{array} \quad \begin{array}{r} 19 \\ + 39 \\ \hline 58 \end{array}$$

$$\begin{array}{r} 54 \\ + 43 \\ \hline 97 \end{array} \quad \begin{array}{r} 73 \\ + 59 \\ \hline 132 \end{array} \quad \begin{array}{r} 80 \\ + 67 \\ \hline 147 \end{array} \quad \begin{array}{r} 43 \\ + 27 \\ \hline 70 \end{array}$$

$$\begin{array}{r} 39 \\ - 25 \\ \hline 14 \end{array} \quad \begin{array}{r} 48 \\ + 38 \\ \hline 86 \end{array} \quad \begin{array}{r} 94 \\ - 87 \\ \hline 07 \end{array} \quad \begin{array}{r} 76 \\ - 28 \\ \hline 48 \end{array}$$

solve to get the bus number
on each card. Match the card
with the bus number and
see who will sit in which bus.

Card NO	Card NO	Card NO
48	88	47
+ 19	- 21	+ 28
<u>67</u>	<u>57</u>	<u>75</u>

Card NO	Card NO
93	37
- 18	+ 12
<u>75</u>	<u>49</u>

Card NO	Card NO	Card NO
38	25	99
+ 37	+ 24	- 32
<u>75</u>	<u>49</u>	<u>67</u>

Now you write your own numbers. Make two different cards for each bus.

Card NO	Card NO
90	43
- 41	+ 32
<u>49</u>	<u>75</u>

Card NO	Card NO
33	69
+ 34	- 02
<u>67</u>	<u>67</u>

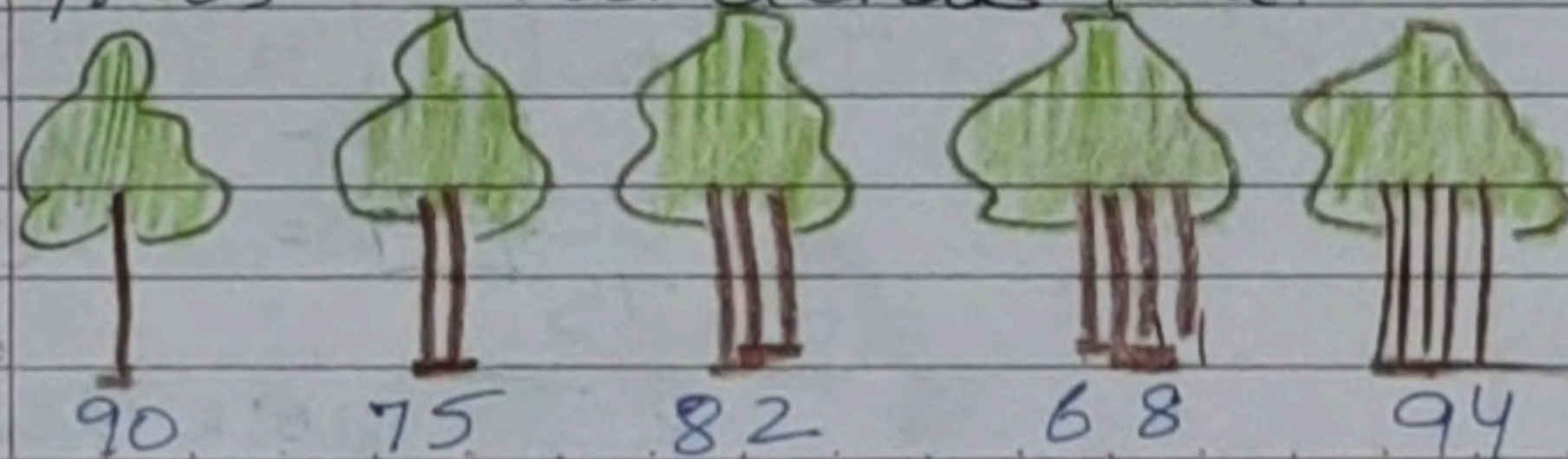
Card No	Card No
43	26
+ 32	+ 23
<u>75</u>	<u>49</u>

Shreya keeps the record of the money and writes it in her diary. Help Shreya to find how much money is left at the end of the month.

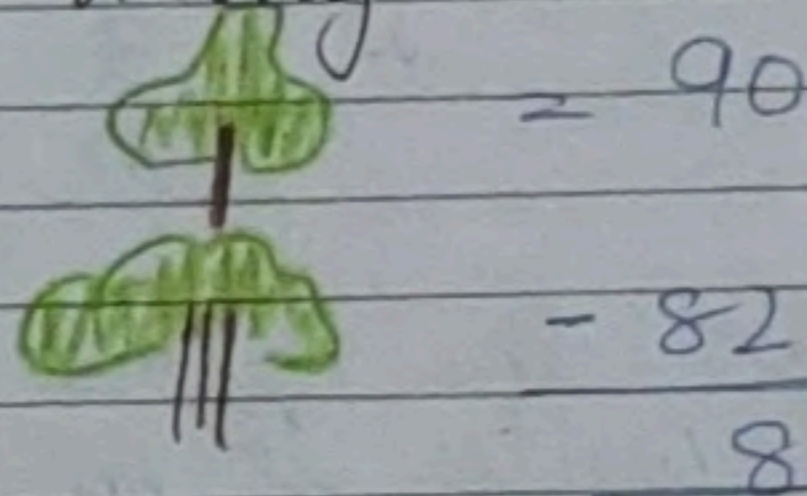
Date	Collection	Spent
Oct 3	Rs 60	
Oct 7		Rs 18
Oct 12		Rs 25
Oct 25	Rs 27	
	<u>87</u>	<u>43</u>

Total money collected = 87
 money spent = 43
 money left = 44 rupees.

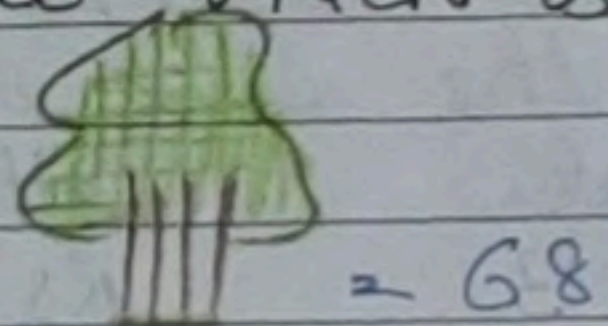
Trees - chakachak foli.



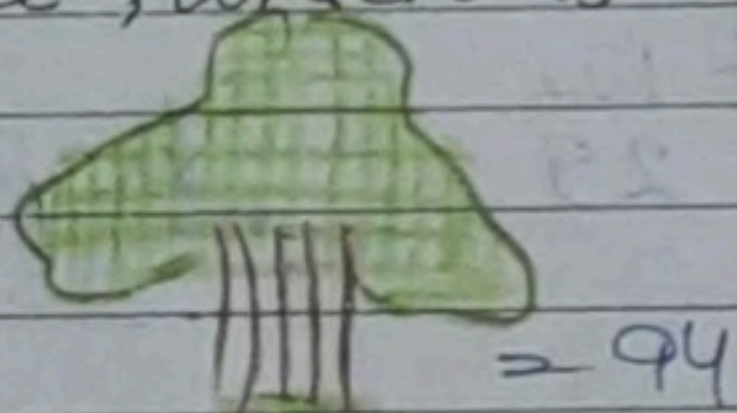
trees were more || tree? How many more?



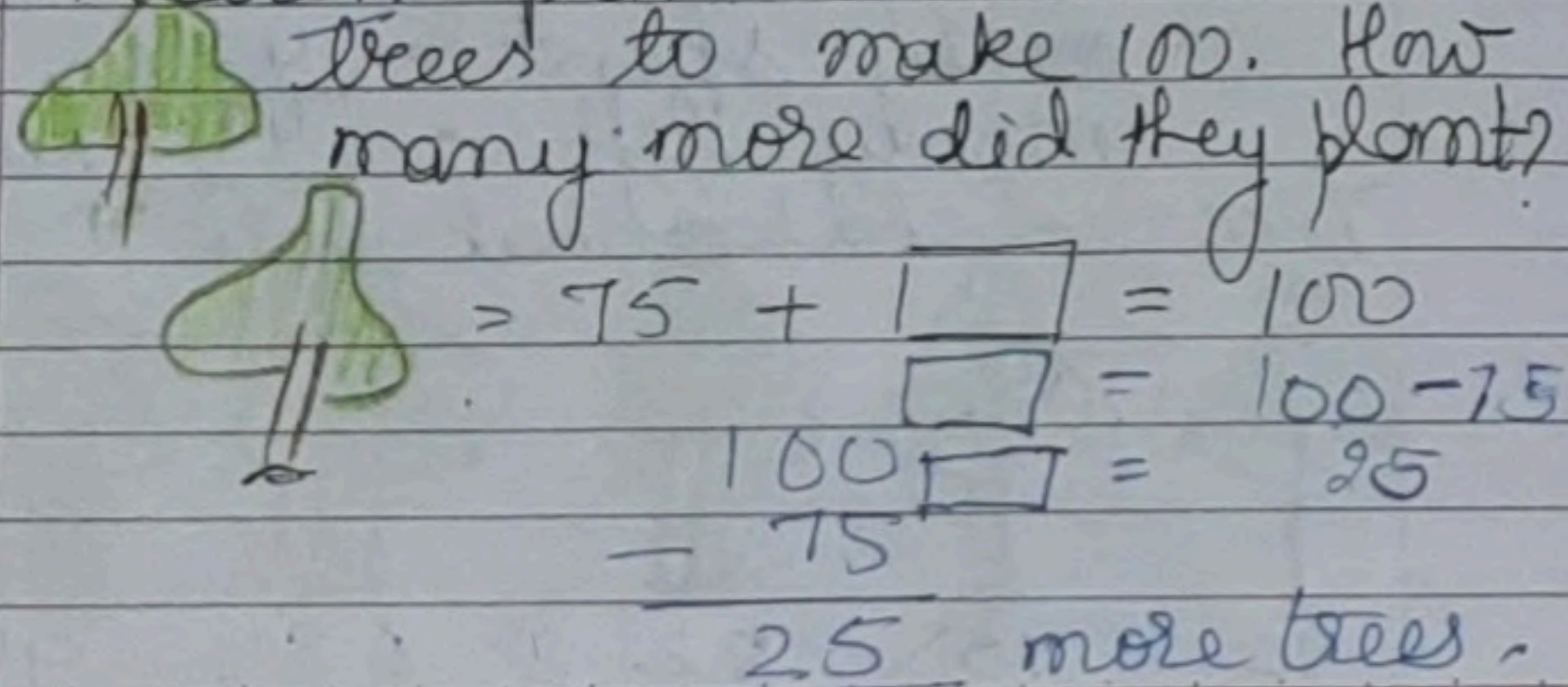
Draw the tree which is least in number?



Draw the tree, which is more in number?



Children planted some more trees to make 100. How many more did they plant?



CHAPTER-15

HOW MANY PONYTAILS

Find out: Ramesh, Ashu, Mohan, Sam.

- a) The number of names ending with the same letter NO.
- b) One letter with which no name starts. 'Z'.
- c) The number of names starting with the same letter NO.

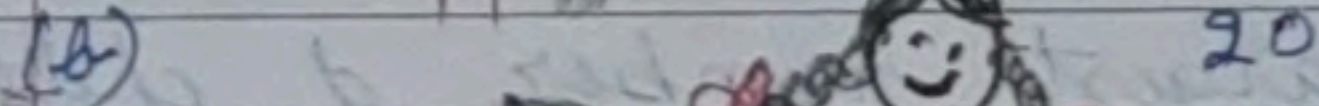
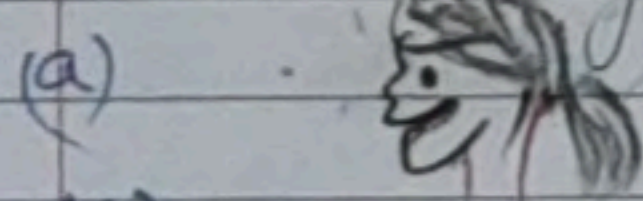
Count and write.

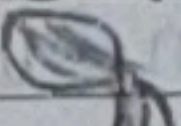
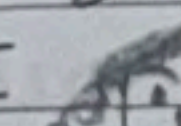



four
five

three

Hair style



Find out and fill in the blanks.
(a) The number of children with  is less than the number of children with .

(b) 23 children have .

Fill this table

Shoe size	no of children
9	0
10	0
11	0
8	0
7	40
6	10
5	3

Find out:

a) How many have (9) size shoes? 'zero' children.

b) The number of children with (11) size shoes is 'zero'.

c) The largest number of children have (7) size shoes.

(d) The smallest number of children have (5) size shoes.

Ask your friends how many glasses of water they drink in a day and write below.
How many glasses nos of children

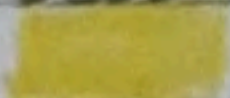



one	00
Two	0
Three	30
Four	10
Five	13

(a) The number of children who drink one glass of water is 'zero'.

(b) Five glasses of water is drunk by 13 children.

(c) The number of children who drink 3 glasses of water is more than children who drink 2 glasses of water.

How many children like yellow
write the number in the table.
Fill the table for other colours.

Colour liked	No of children
	20
	10
	15
	8

Find out and colour the box.

(a) Most children like yellow colour.

(b) Children who like yellow colour
are more than children
who like red colour.

(c) Children who like green colour
are less than children
who like blue colour.

Extra

(d) Least children like green colour.

(e) Children who like green colour
is less than blue, red and
yellow.

