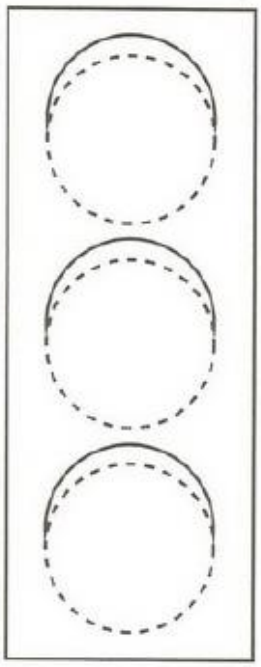
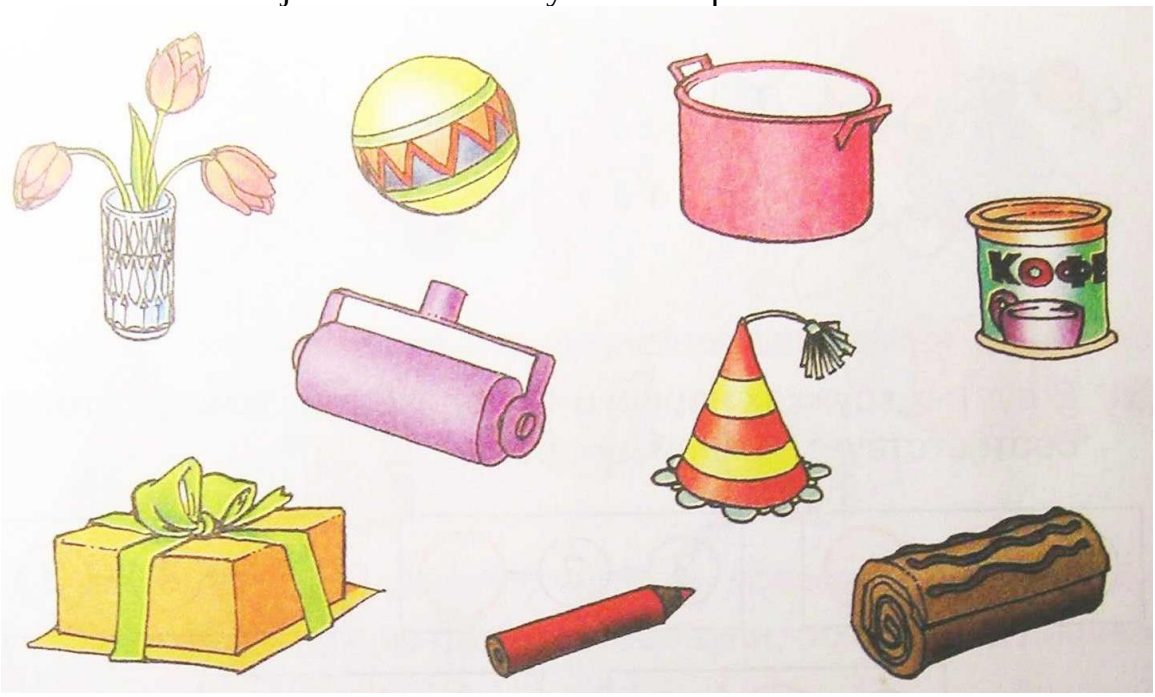
Class Work 16

Problem 1 This is traffic light. Trace and color in the lights according to the traffic light rule.



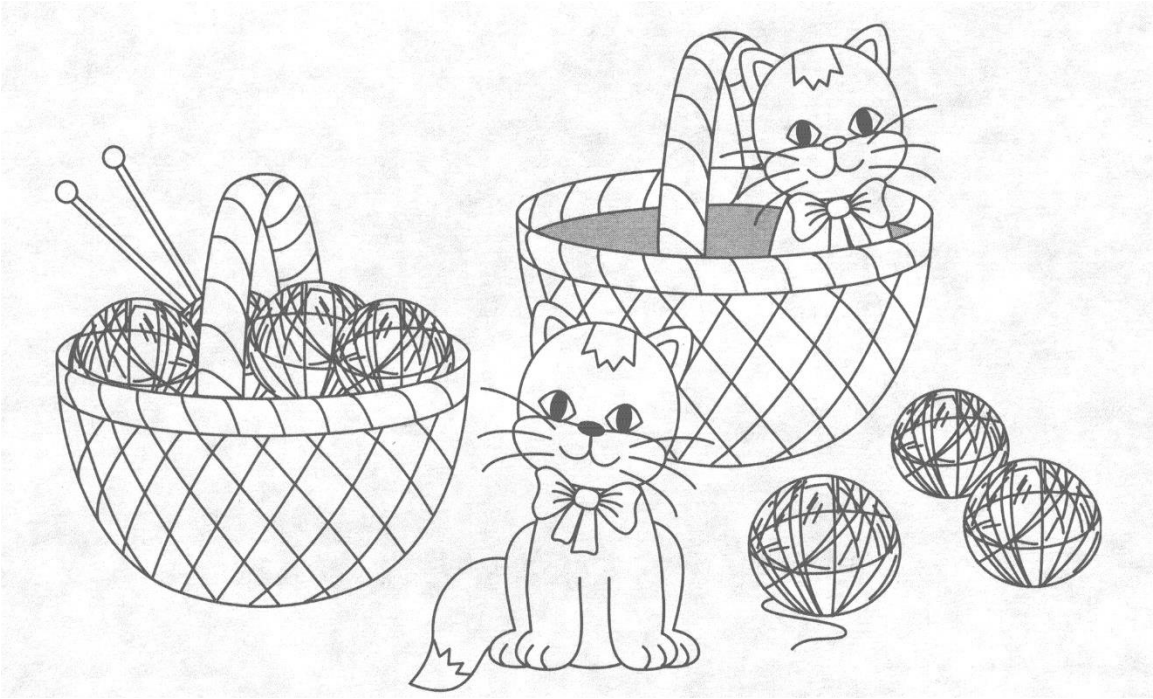
Problem 2

Circle all of the objects that have a cylinder shape.

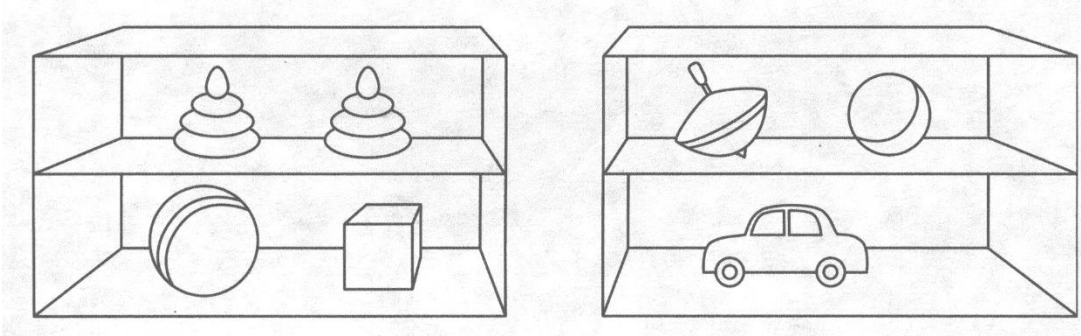


Problem 3 Color in the kitten in the basket in orange, and the kitten in front of the basket in black. Color in the knitting balls (yarn) in the basket in blue, and the knitting balls (yarn) to the right of the black kitten in red.

.

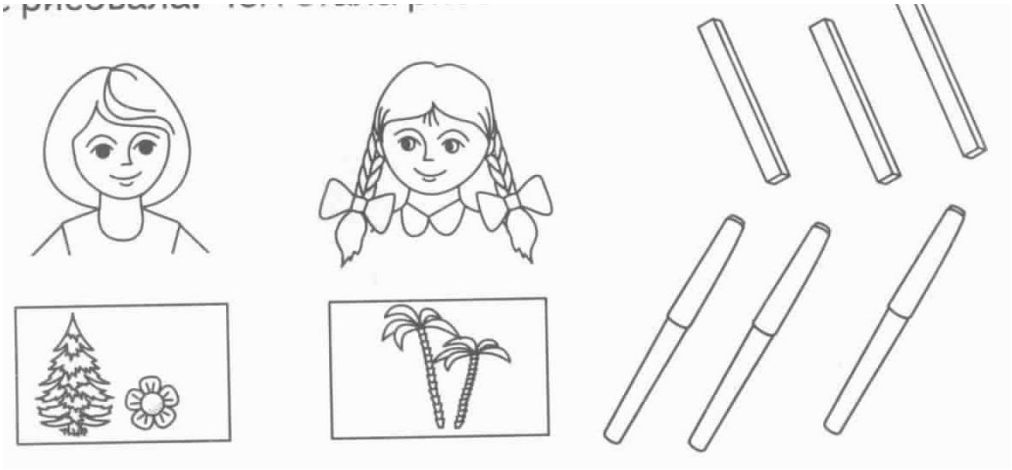


Color in the toys on the top left shelf in blue. Color in the toys on the lower right shelf in green, the toys on the top right shelf in yellow, and toys on the lower left shelf in red.



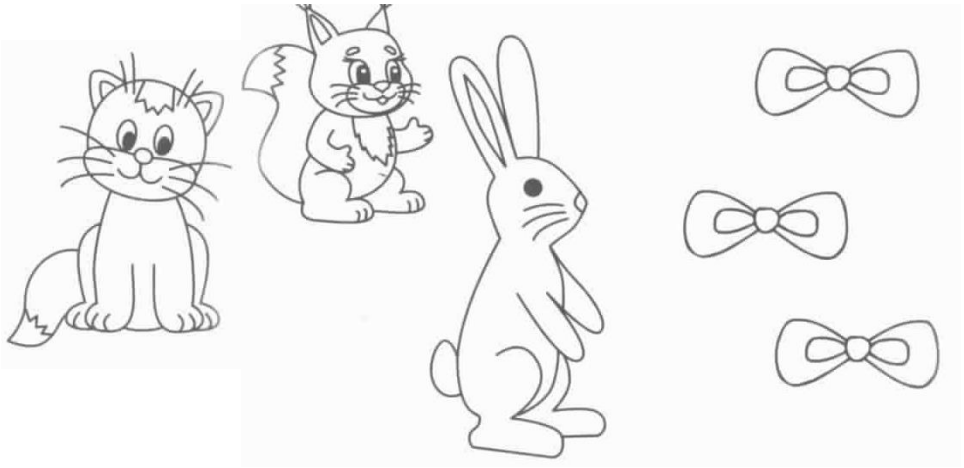
Poblem 4

Anna and Mary worked on some art projects. One of the girls used markers, and the other used crayons. Anna did not use markers. What did Mary use?

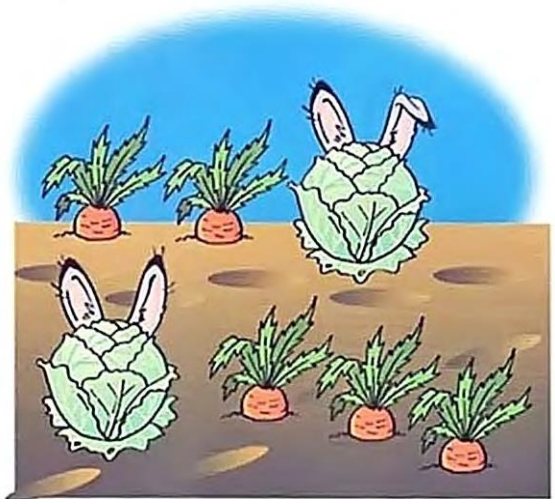


Problem 5

There are 3 bows; red, green and blue.
Bunny doesn't have a blue or a red bow. The squirrel has neither a green nor a red bow. What color bow does the kitten have? What color bows do the bunny and squirrel have?



Problem 6 Who is hiding in the pictures?



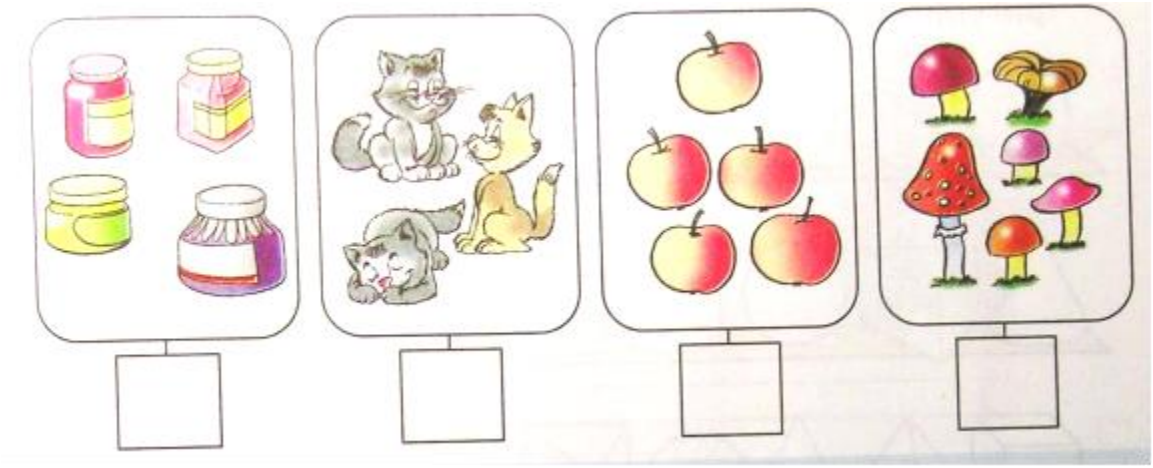
How many ears can you spot? ☐

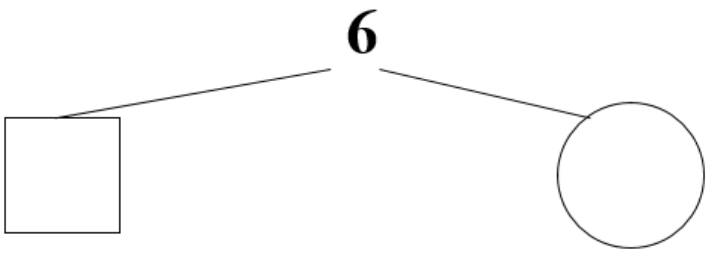
How many hooves can you spot? ☐

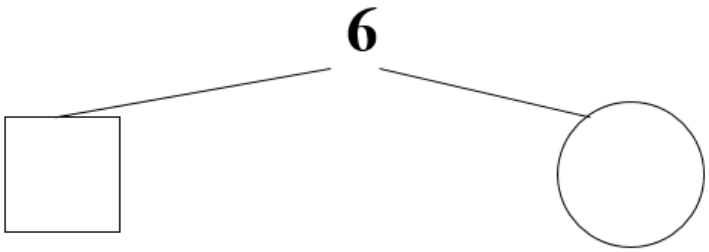
How many tails can you find? ☐

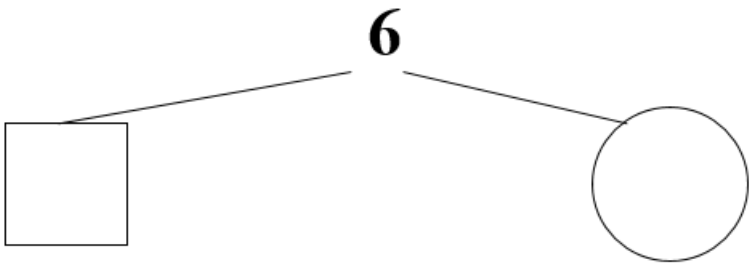
Problem 7

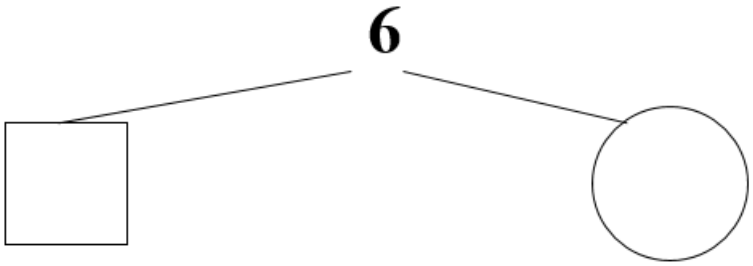
Count the objects in each set, and write the matching number in the boxes under each picture.

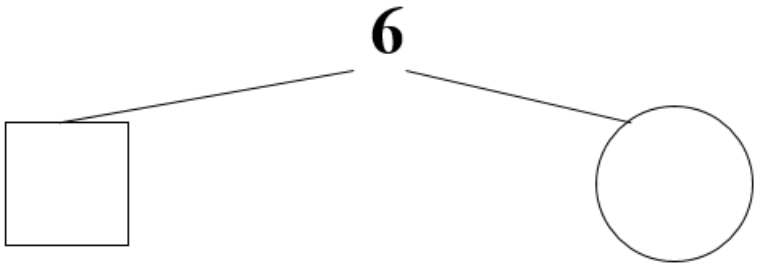


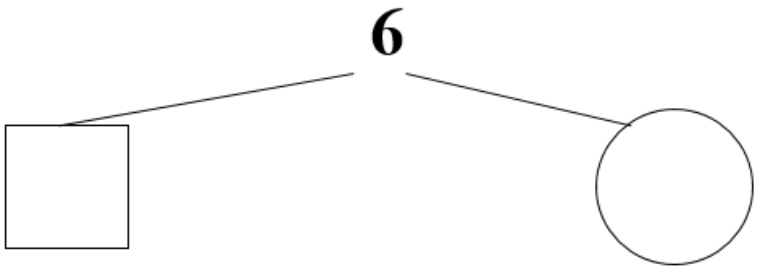

6


6


6

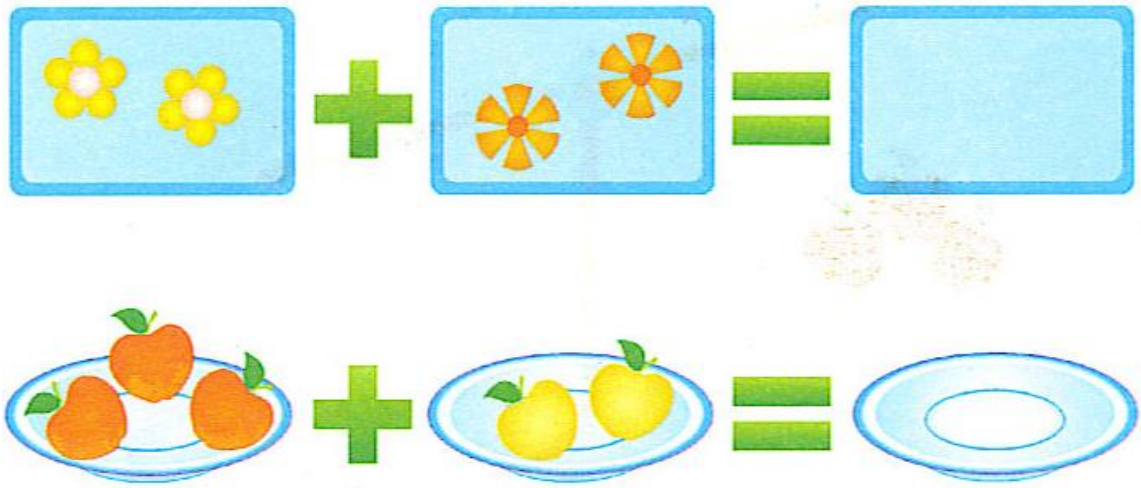

6


6


6

Class Work 17

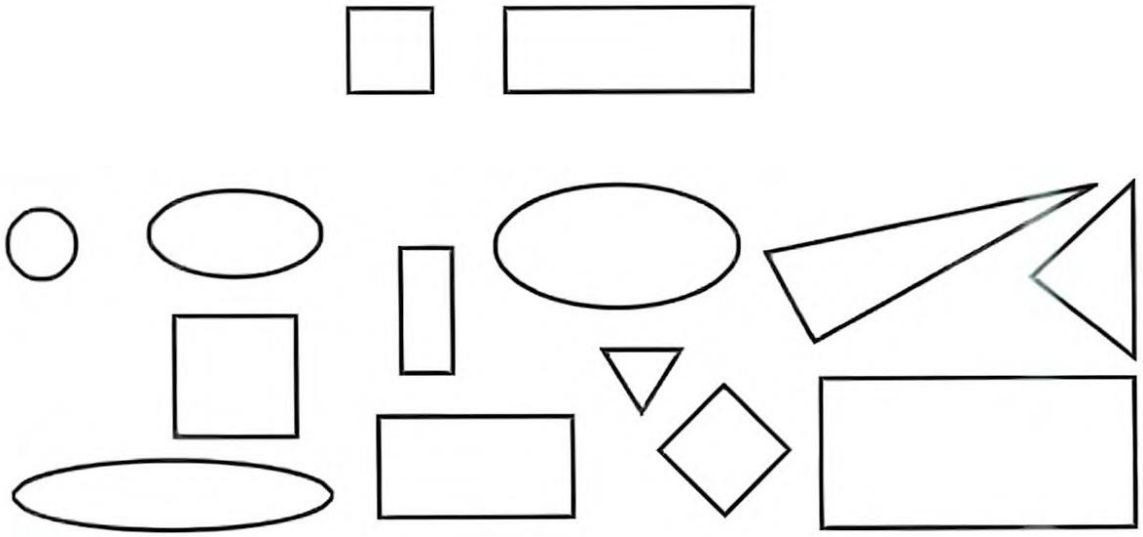
Problem 1 Solve a problem and draw the answer.



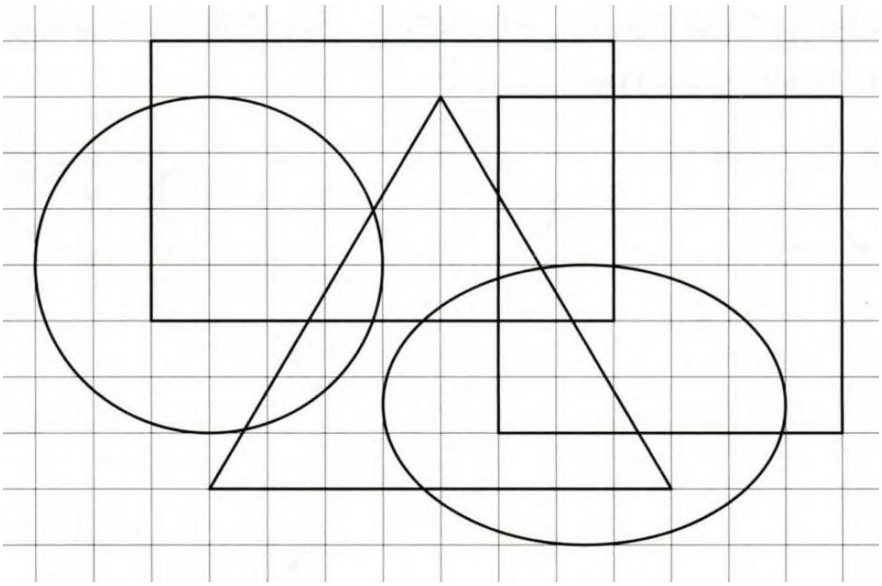
Problem 2

How many children are hidden behind the fence? Hint: draw a ball for each each child assuming that a child holds a ball with two hands.

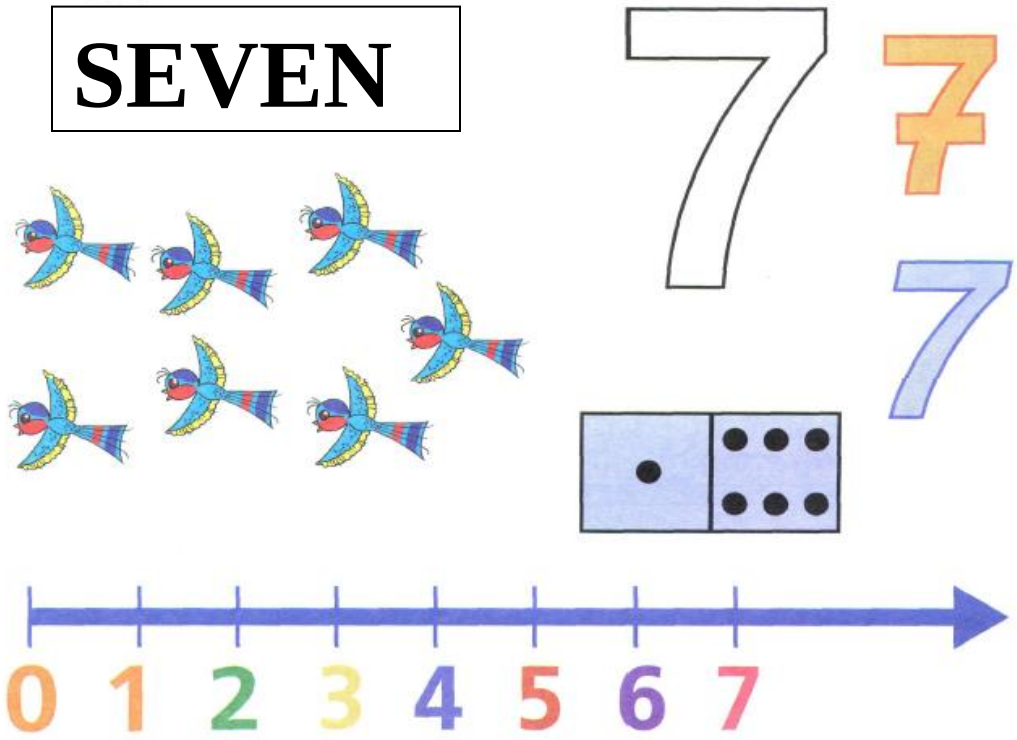
Problem 3
Name the shapes. Color the squares in green, and the rectangles in blue.



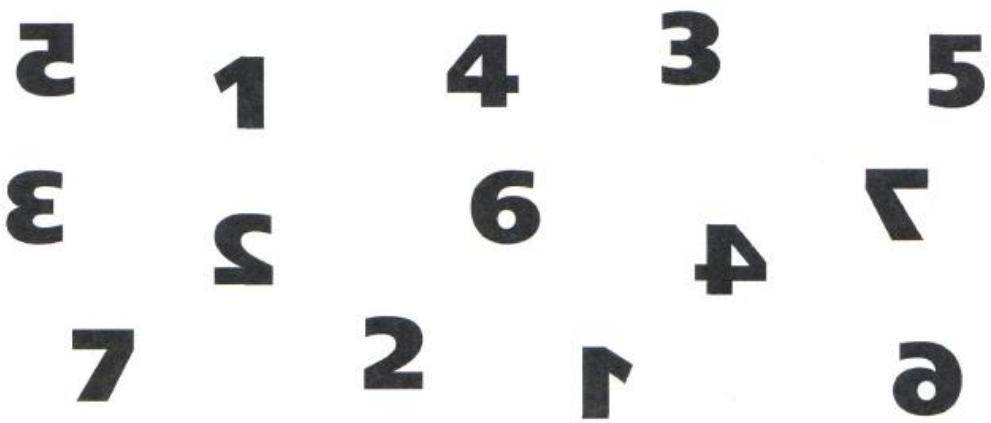
Problem 4 Name all the shapes you can see in the picture. Hint: use colors



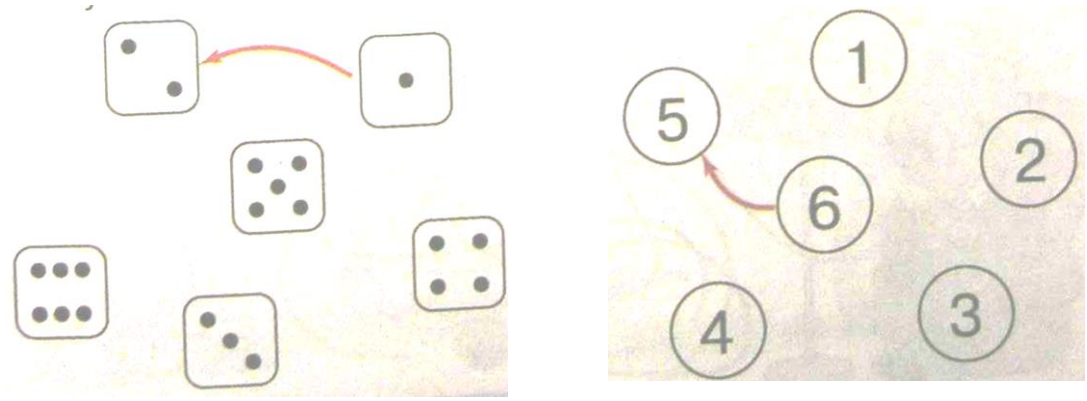
Problem 5 Color in the number **7**. Find this number on the number line. Count backwards and forwards all the numbers you see on the number line. Find "neighboring" numbers for 4,5,6 and 7.



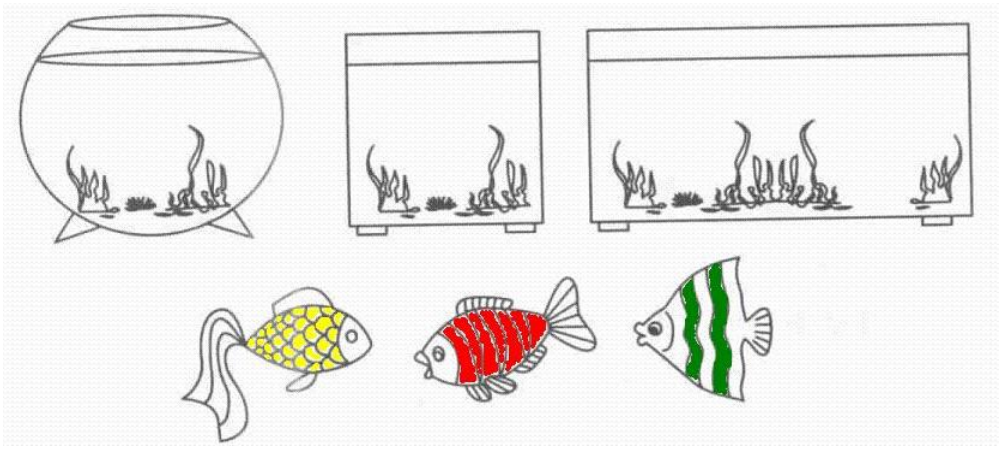
Problem 6 Cross out all the numbers that do not look "right" to you. Can you spot the numbers **1**, **2**, **3**, **4**, **5**, **6**, **7 in order,** and circle them.



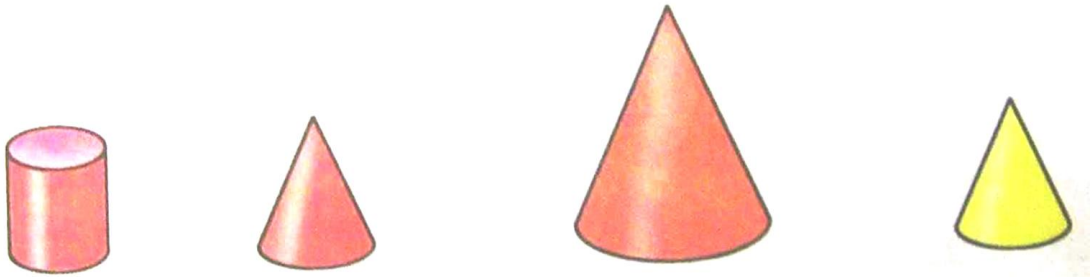
Draw arrow lines to show how the numbers are increasing in forward order from 1 to 6, and decreasing in the backward order from 6 to 1.



Problem 7 Three fish live in different shaped aquariums. Red fish doesn't live in a circular or rectangular aquarium. Yellow fish lives in neither a square nor a rectangular aquarium. Where does a Green fish live?

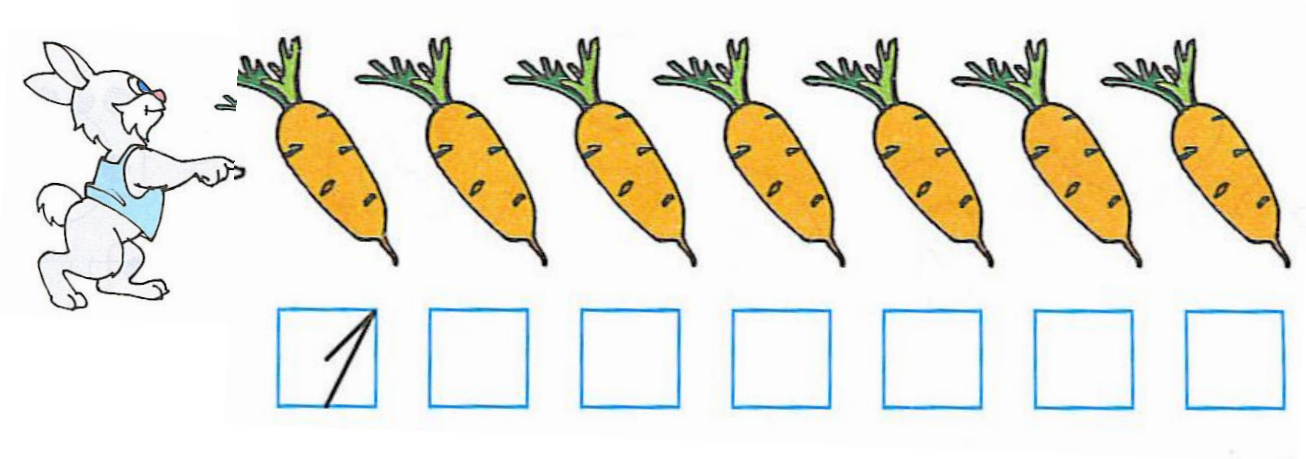


Problem 8 Find the object that does not belong. Explain your answer using object properties: SHAPE, SIZE, or COLOR.

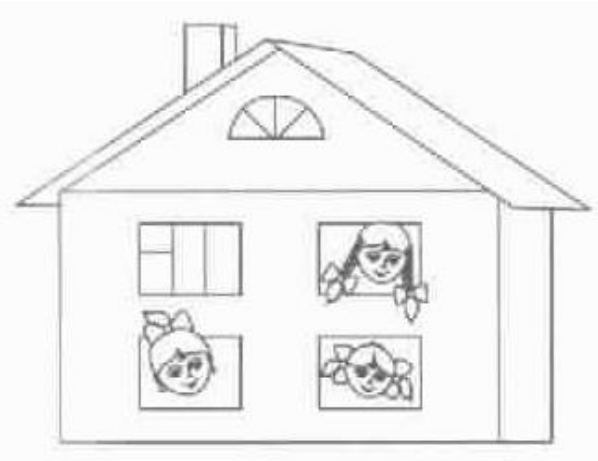


Class Work 18

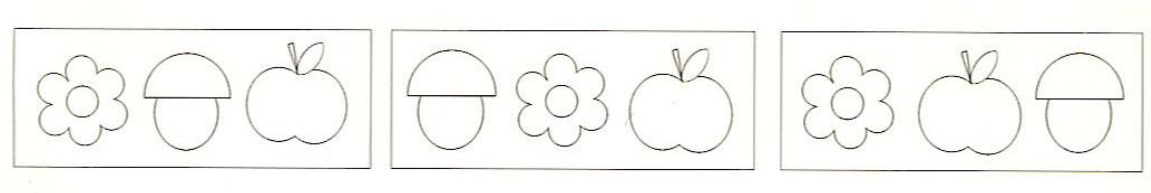
Problem 1 Help Bunny to count all the carrots and write the numbers in order.



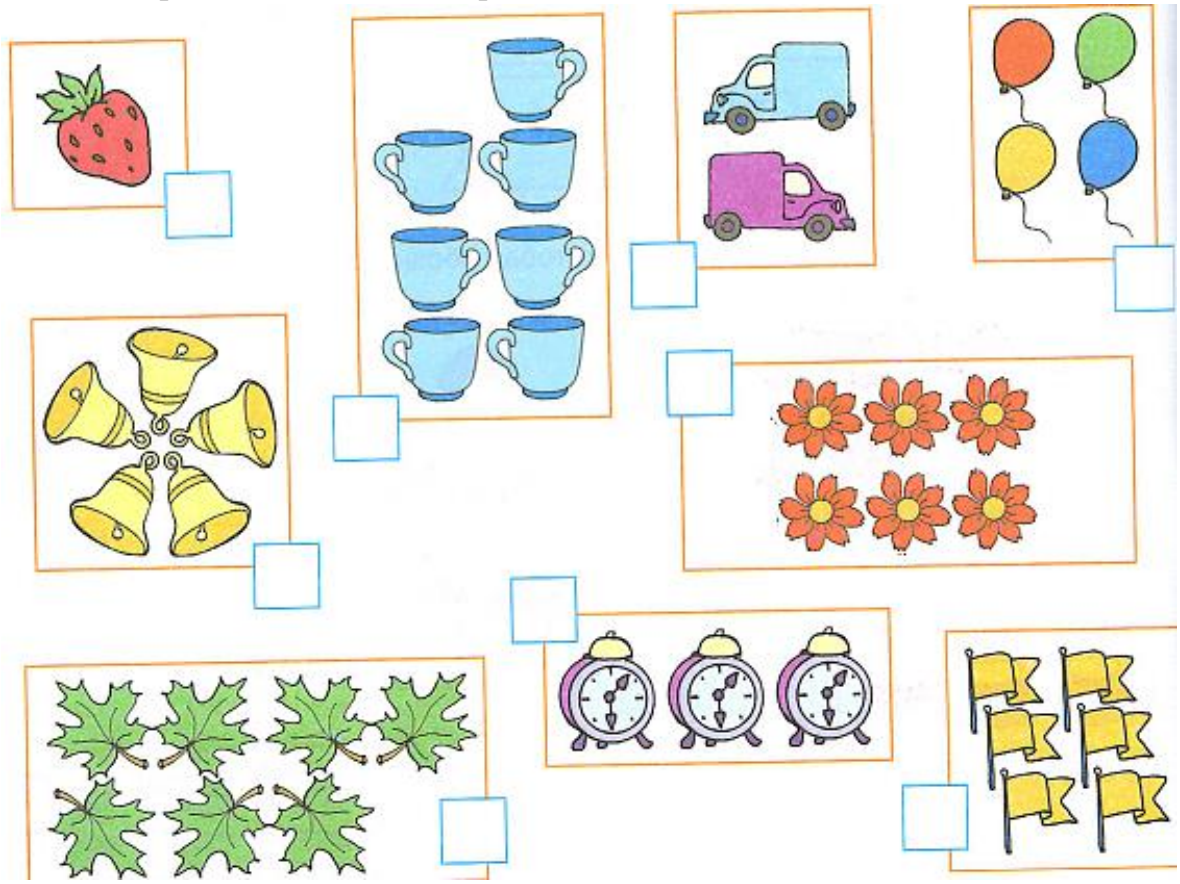
Problem 2 June and Hanna live on the same floor. Eva lives above June. Who lives lower - Hanna or Eva?



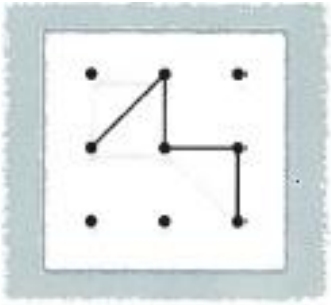
Find the picture where mushroom is on the right, flower is on the left and apple is in the middle. Color that picture



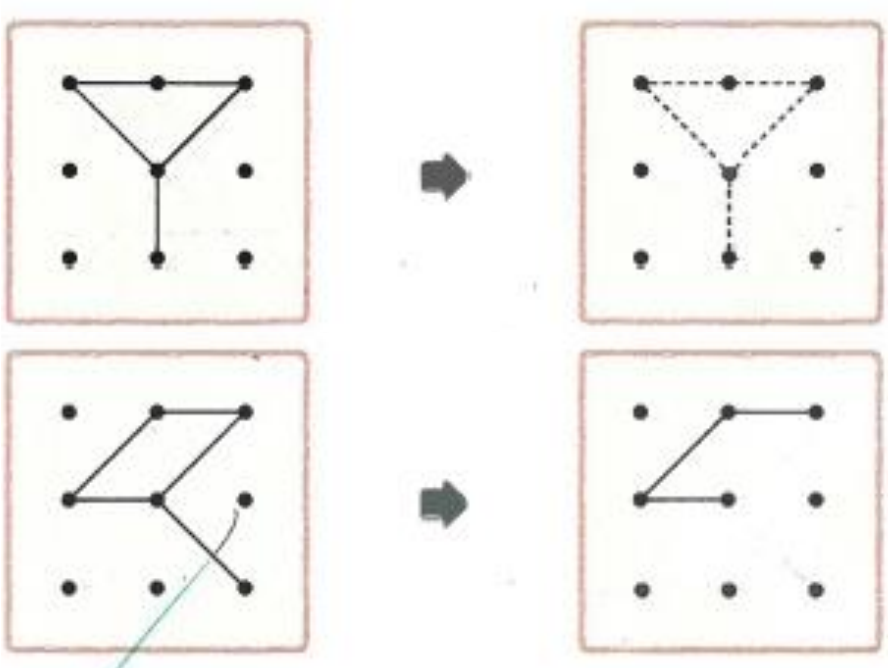
Problem 3 Count the number of objects in each set, and write the number in the box provided next to that picture.



Problem 4 Find the matching pictures

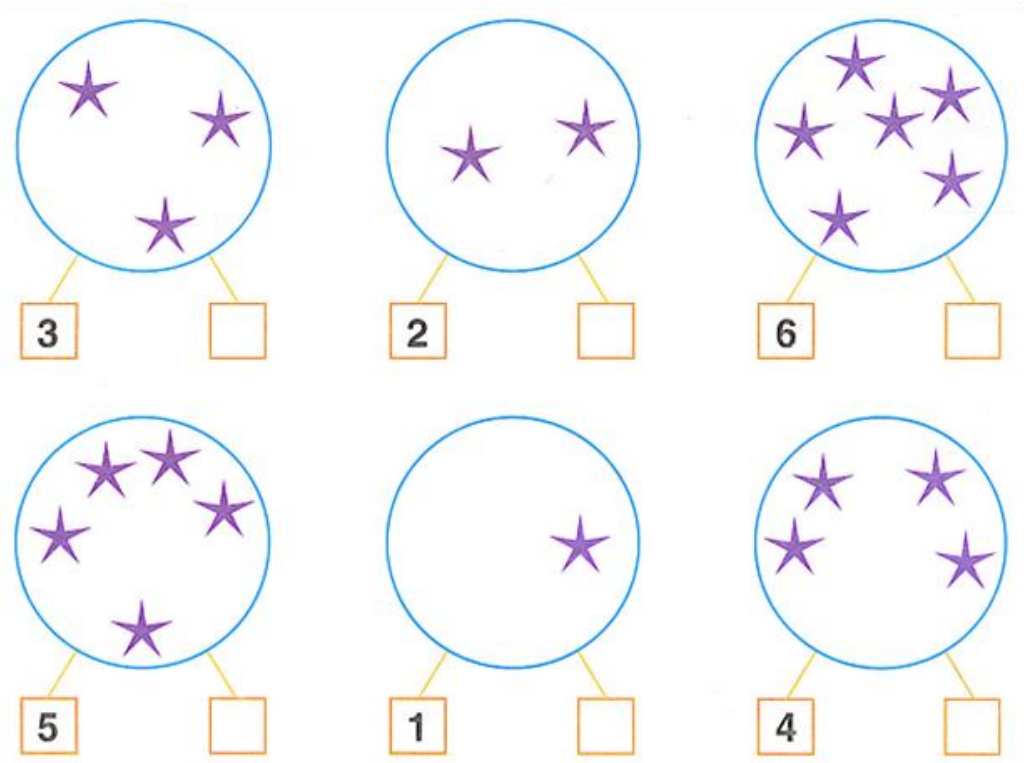


Complete the drawing.

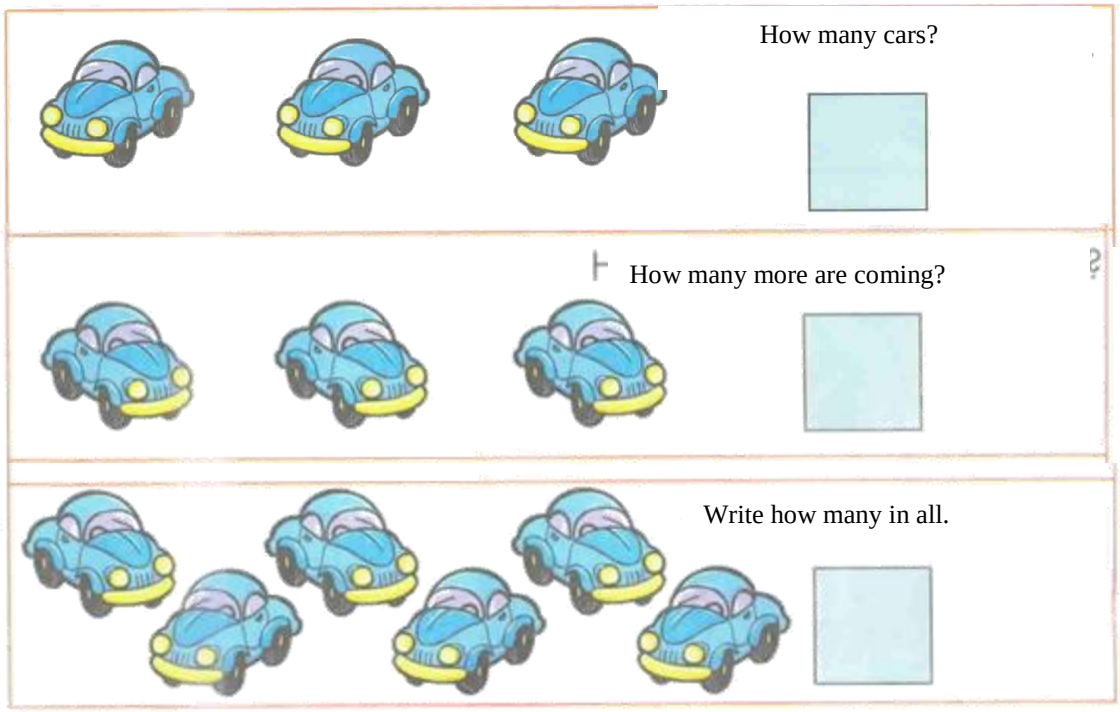


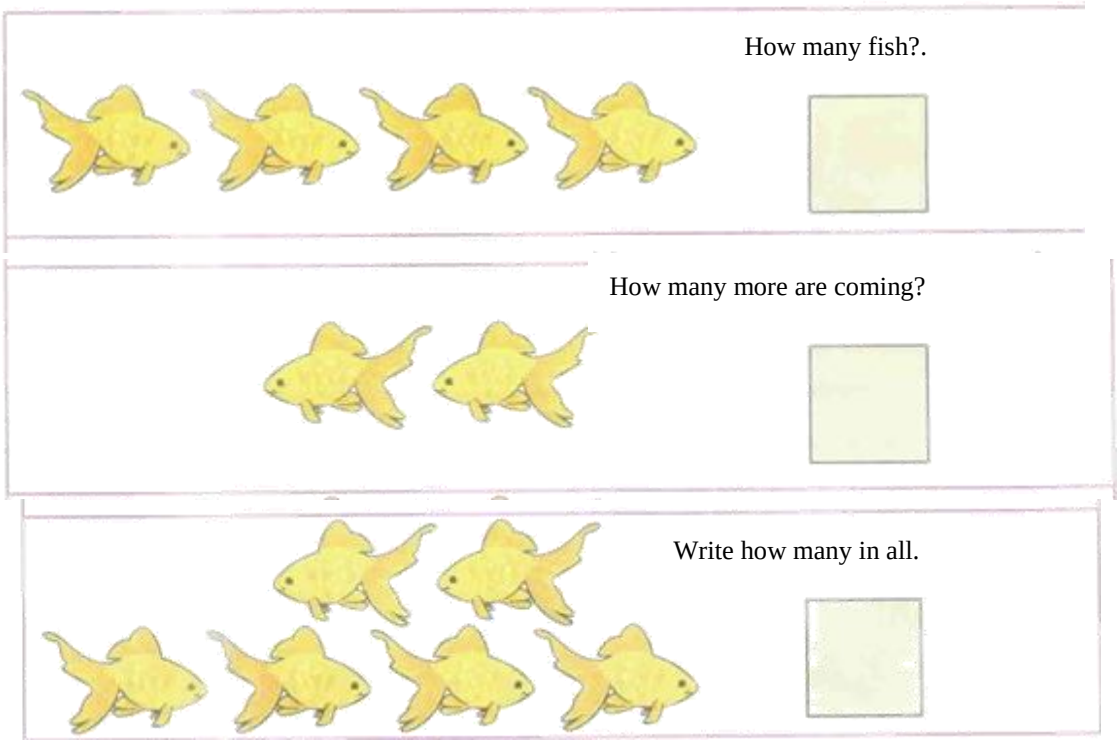
Problem 5

What numbers add up to 7? Using red color pencil, draw as the stars to add up to **7 stars**. Write the number of stars you added inside an empty box.

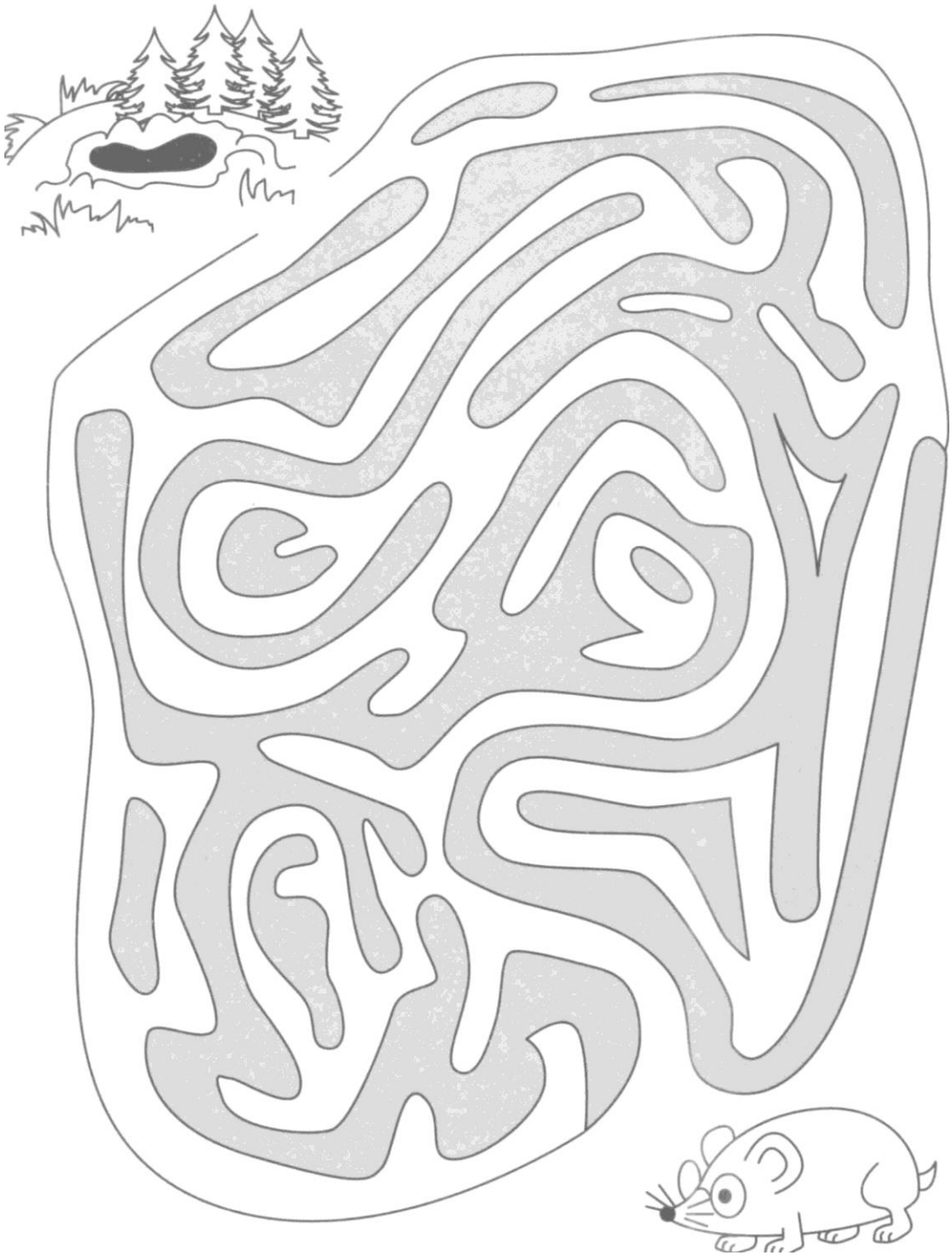


Problem 6. Count and add. Write the number in each box.



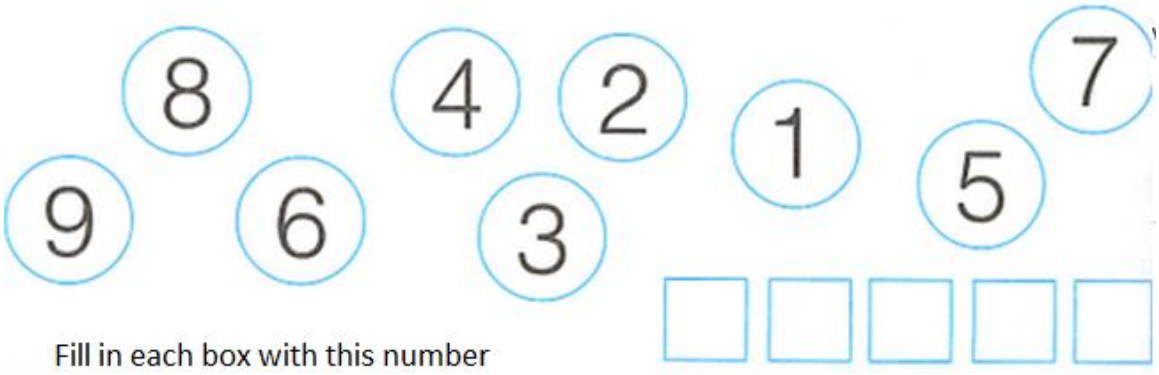


Problem 7
Help mole to get out from this maze.



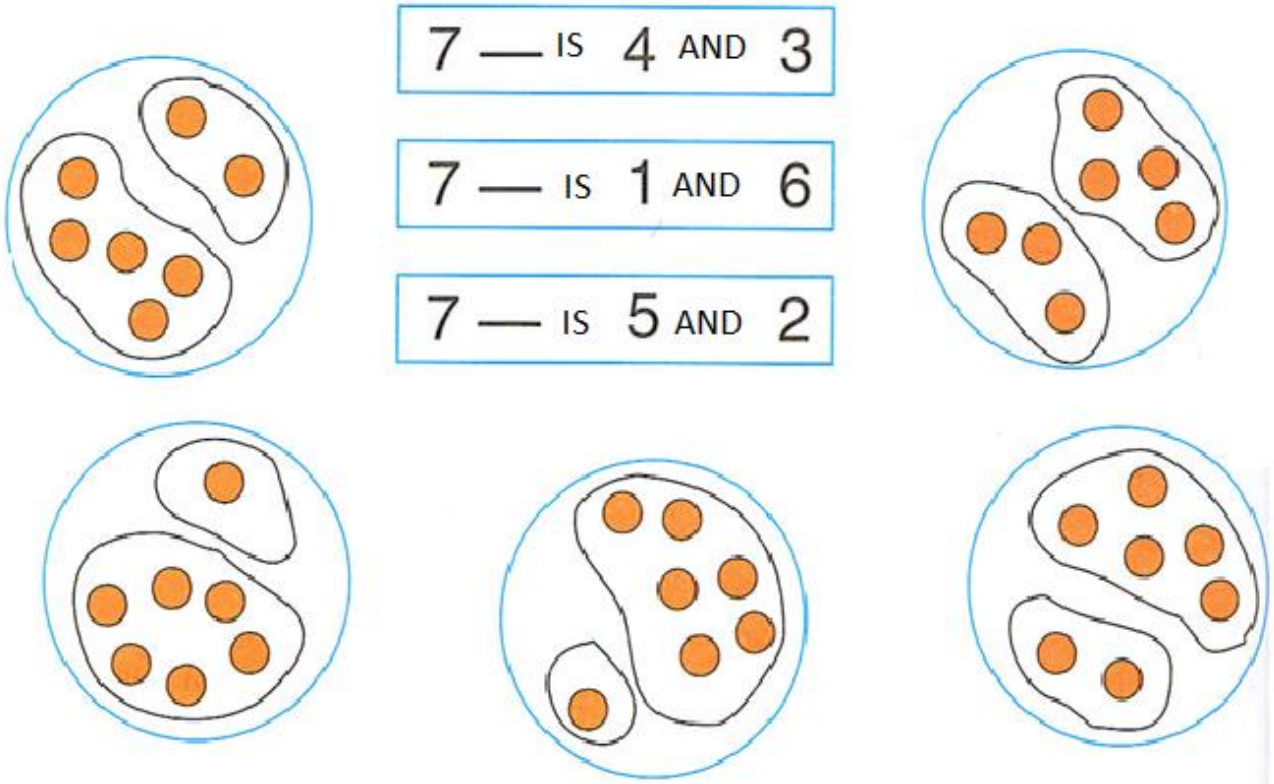
Class Work 19

Problem 1 Number test. Color in the number that is missing.



Problem 2 Game «Frying Eggs».

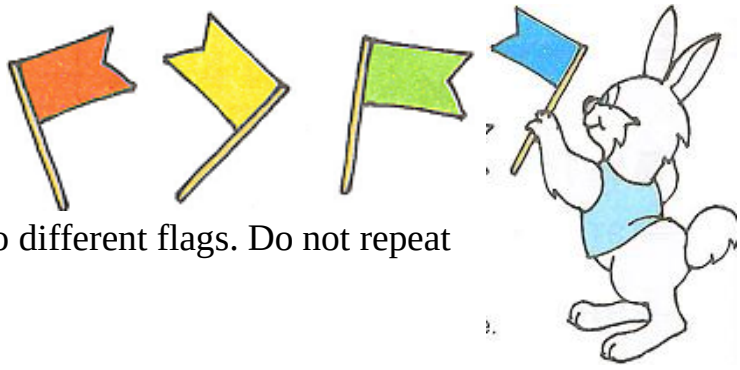
Connect each math problem with the correct matching picture.



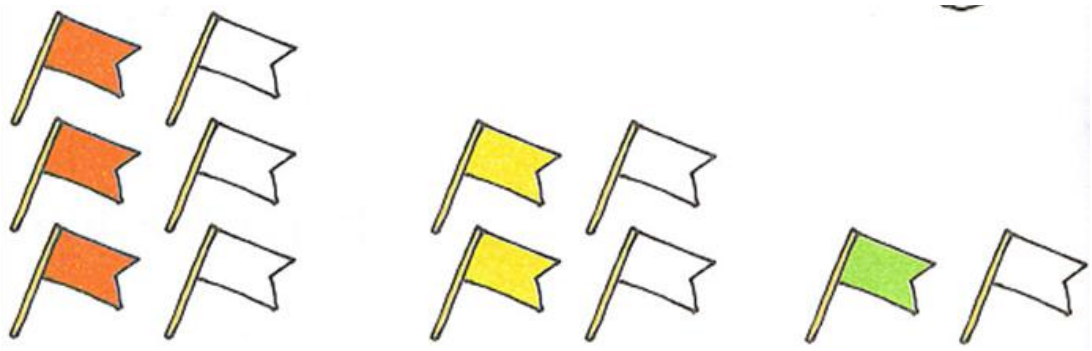
Problem 3 Draw more stars to get 7.

Problem 4

Bunny has 4 different flags:

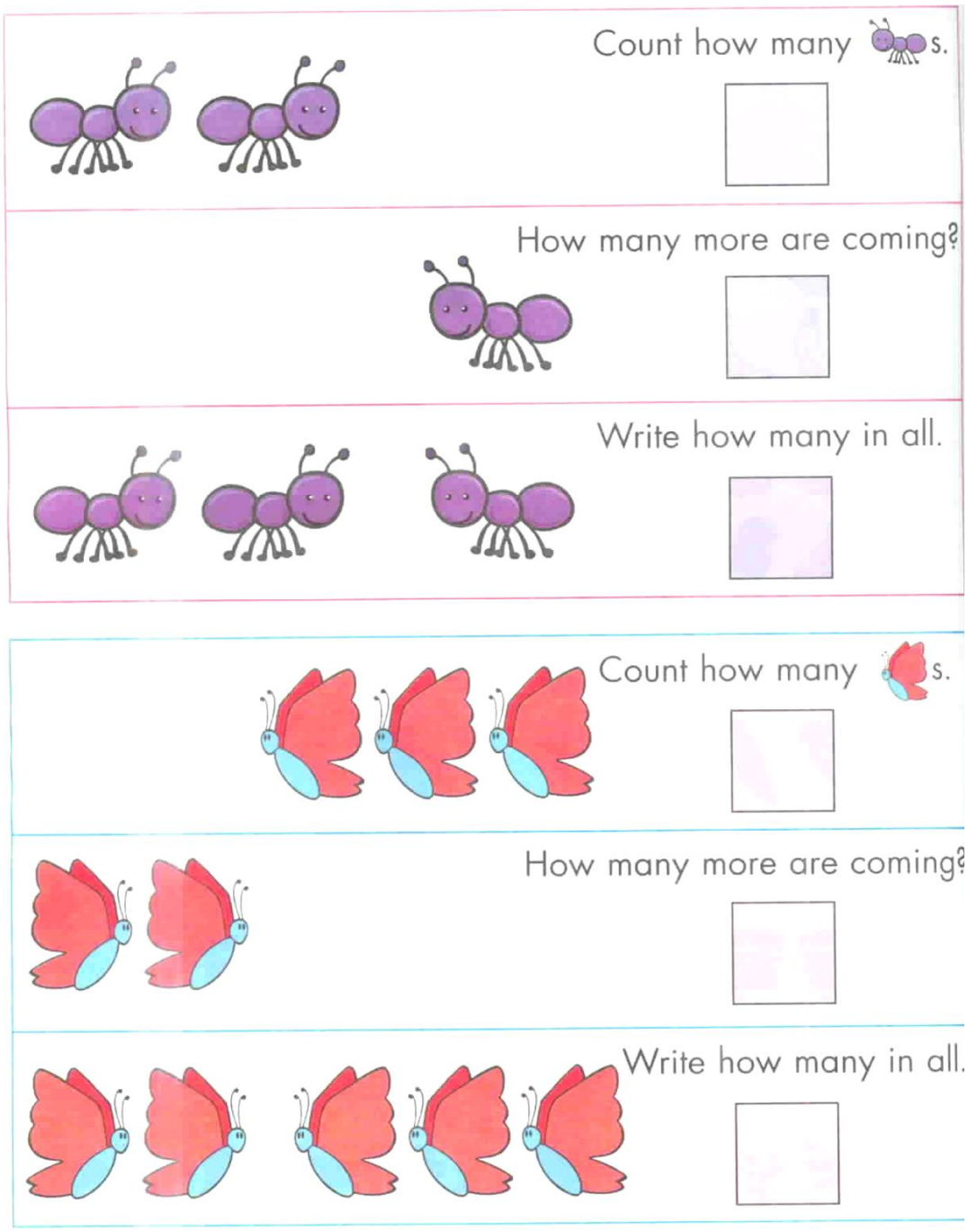


He wants to give Teddy only 2 flags.
Show all possible ways of giving him two different flags. Do not repeat the pattern



Problem 5

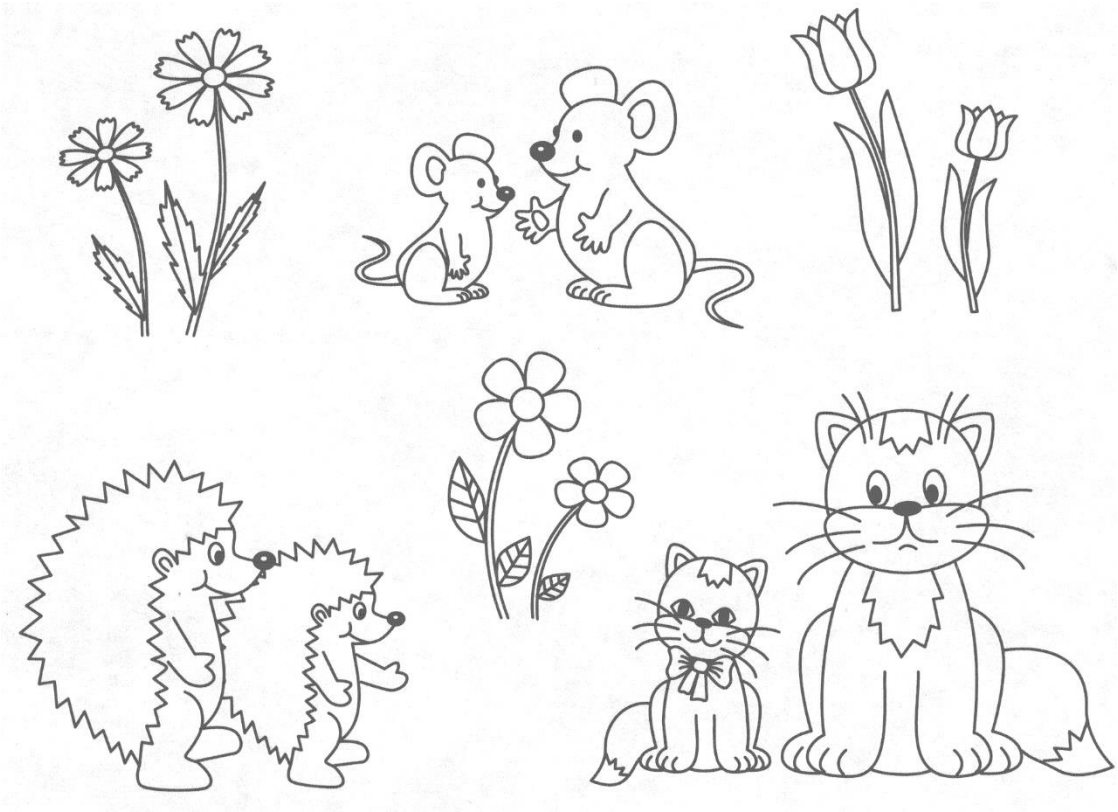
Count and add. Write the number in each box.



Problem 6 TALL AND SHORT

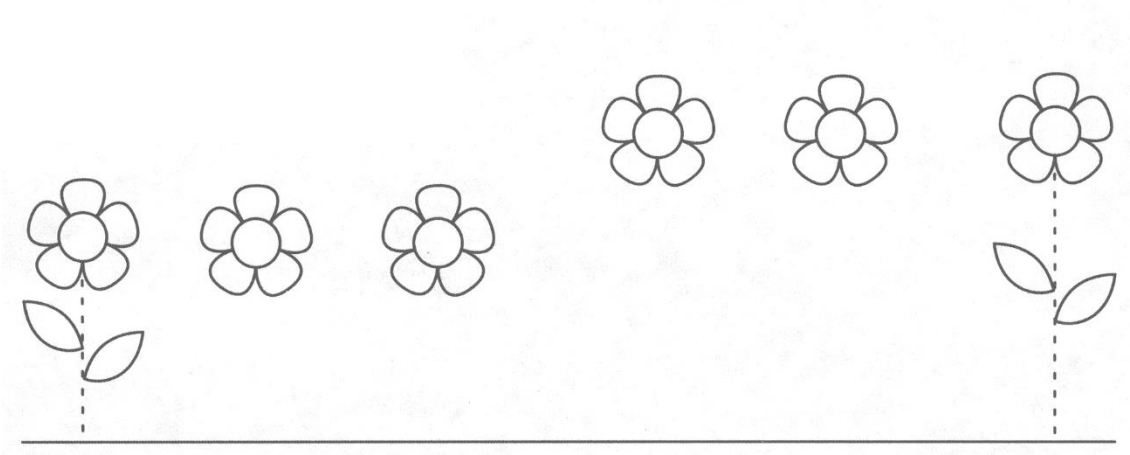
Find and color in the tallest house and the tallest tree.

In each pair of animals, find and color in the smallest one. Color in the shortest flower in each pair.



Which path did Red Riding Hood choose? Which path did Big Bad Wolf choose? (Short or long). Color the wide path in brown, and the narrow path in yellow.

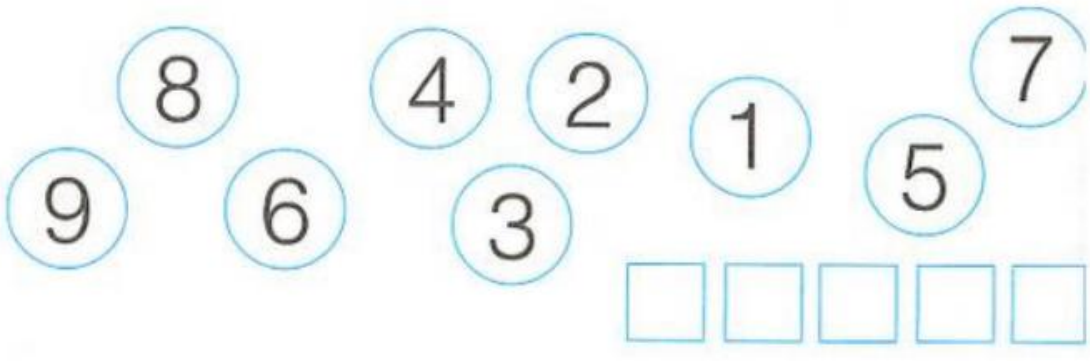
Finish drawing stems of different length for the flowers.



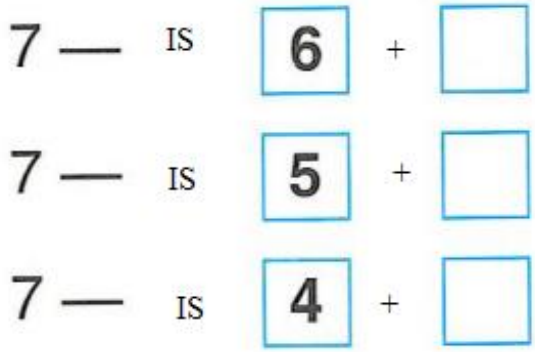
Color the long dresses in red, and the short dresses in blue

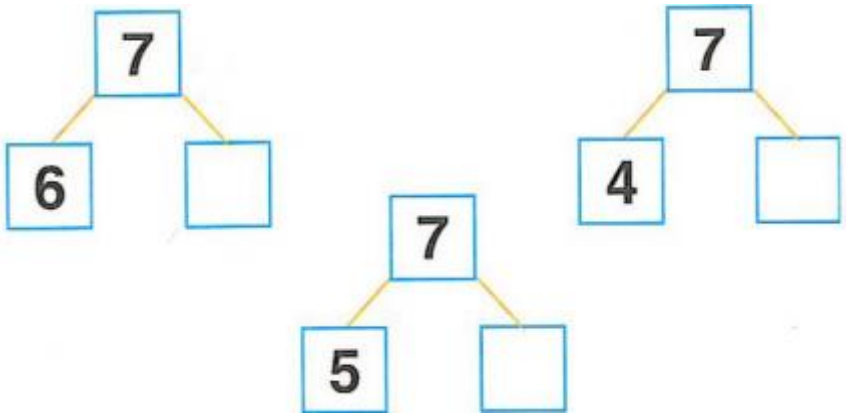
Class Work 20

Problem 1 Number dictation. Color in the number that the teacher missed during dictation.



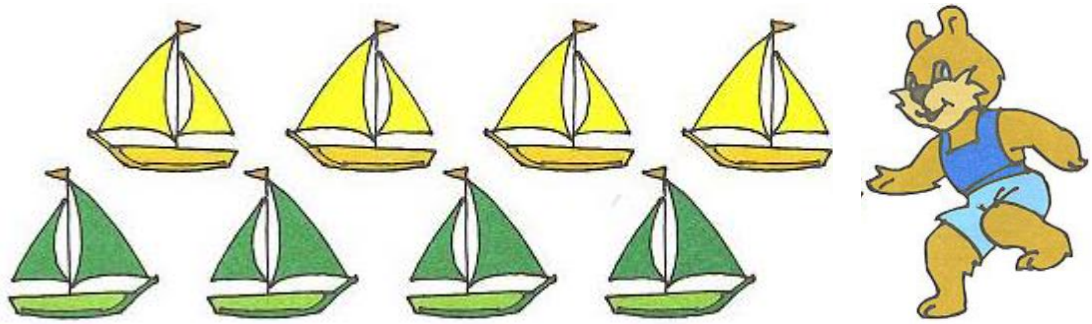
Problem 2 Finish the number sentences. Then write the missing number inside the boxes that adds up to 7-



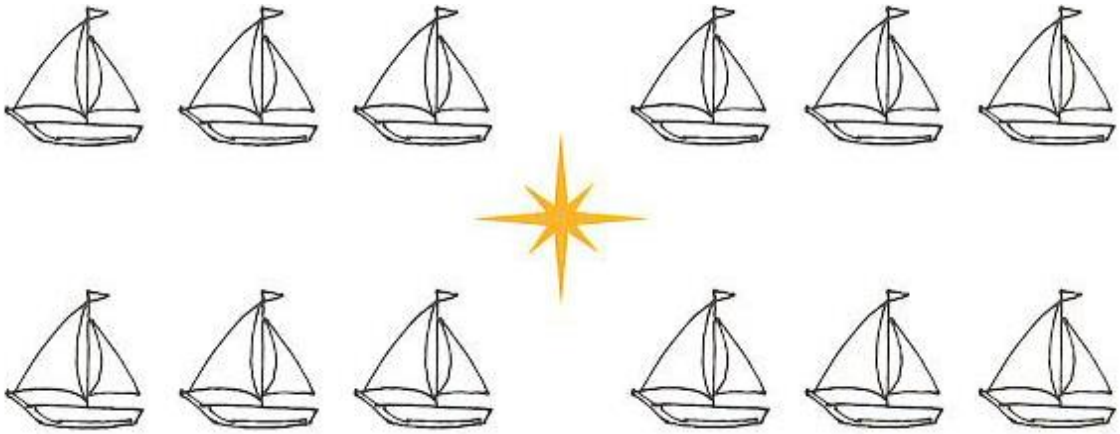


Problem 3

Teddy Bear has 8 ships.

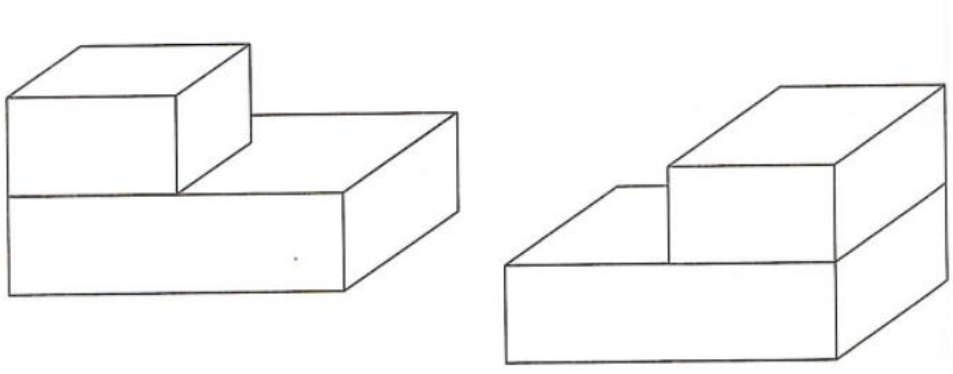


He wants to give away 3 ships to his friend. Show all of the possible ways he can give ships. Hint: Use colors. Do not repeat the patterns.



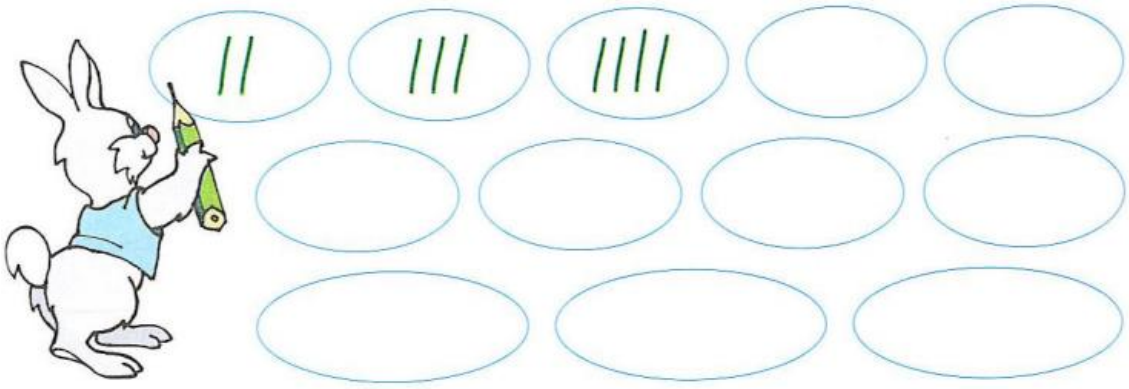
Problem 4

Color the pictures if blue box is on the bottom, and green box is on the top.



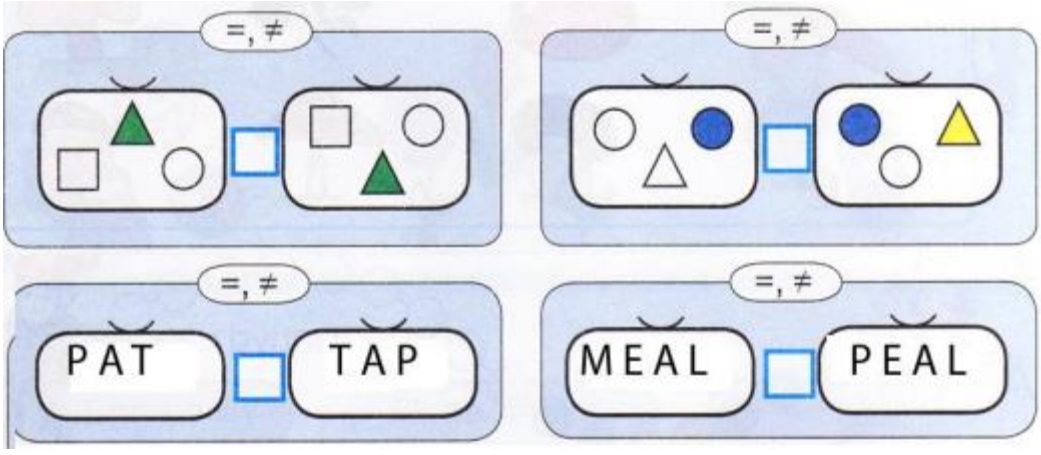
Problem 5

Bunny starts to work on the patterns but he needs your help to finish.



1	3				11
2	4				12

Compare two pictures, and write the correct sign in the empty box between them



Problem 6

Color:

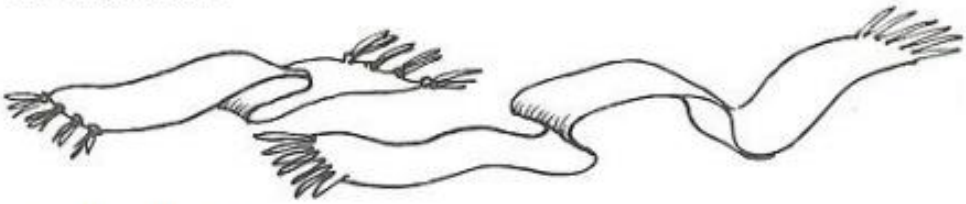
- The mushroom that is the smallest

- The berry that grows higher

- the narrowest one

- the shortest branch

- the longest scarf

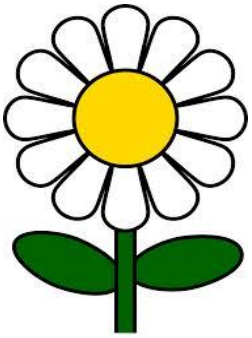


- the ribbon that is wider

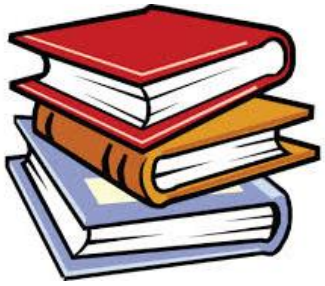
Problem 7

There were more tulips than daffodils, and more daffodils than daisies growing in the flower bed. What type of flower do we have more of? Less of?





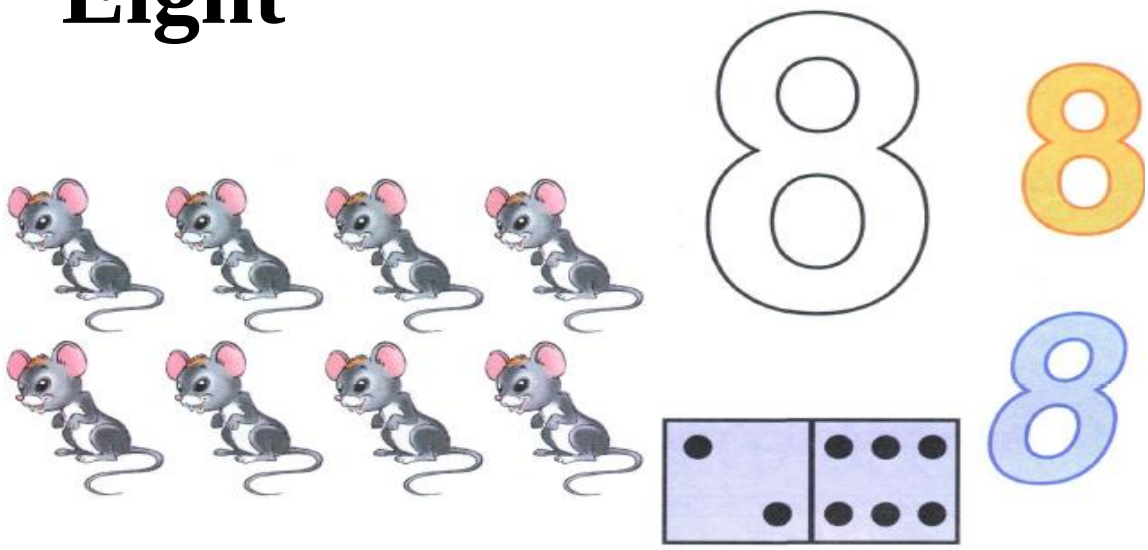
Liam put less books than sketchbooks in his backpack, and less sketchbooks than workbooks. What school supply does Liam have more of? less of?



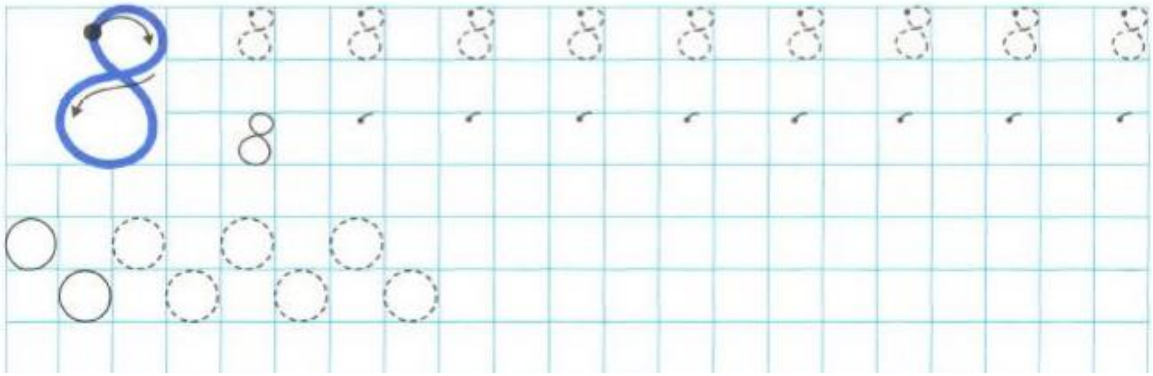
Classwork 21

Problem 1 Color in the number **8**. Find this number on the number line. Count backwards and forwards all the numbers you see on the number line. Find "neighboring" numbers for 5,6,7 and 8.

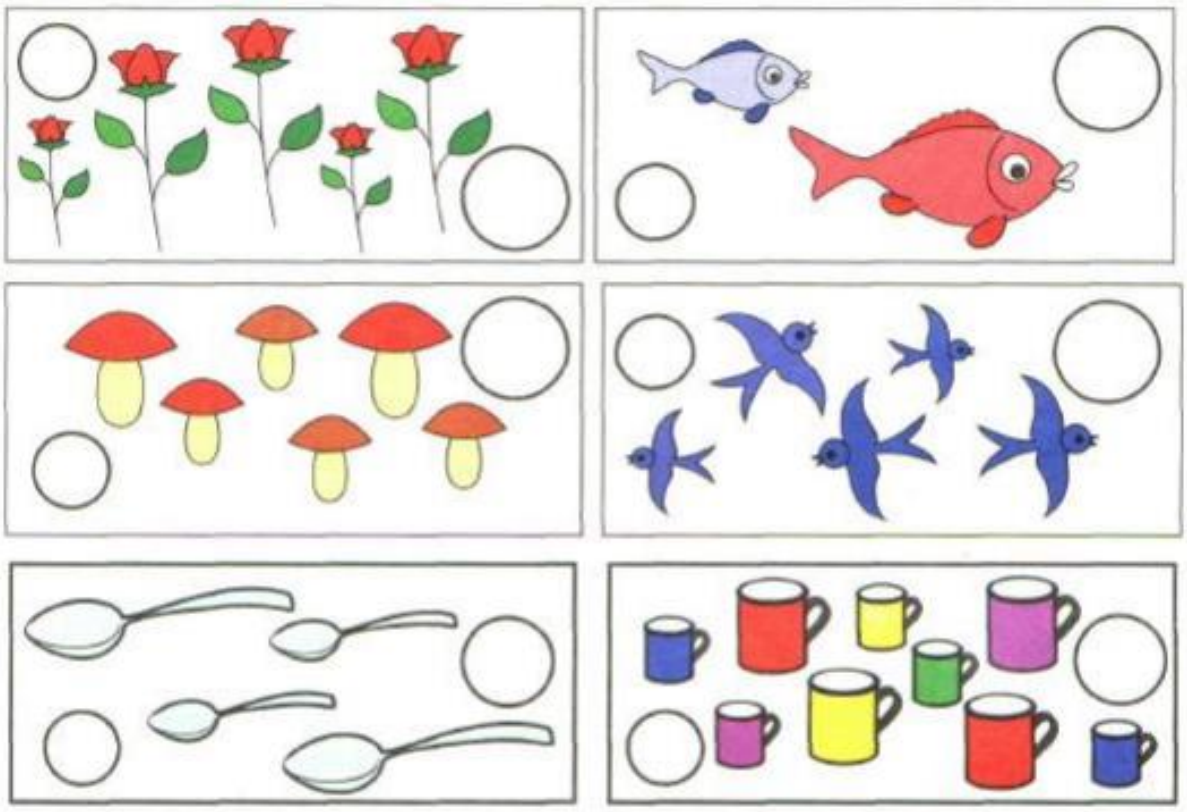
Eight



Practice writing number 8. Trace and finish the pattern.

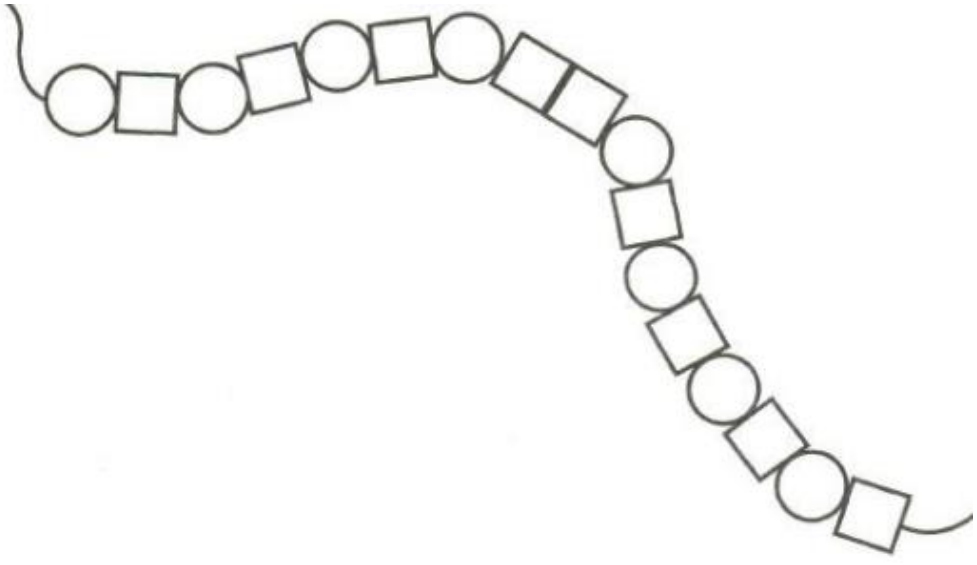


Problem 2 Count BIG objects in each set, and write that number inside the LARGE circle. Then count small objects in each set, and write that number inside small circles. Are there more LARGE or SMALL objects?

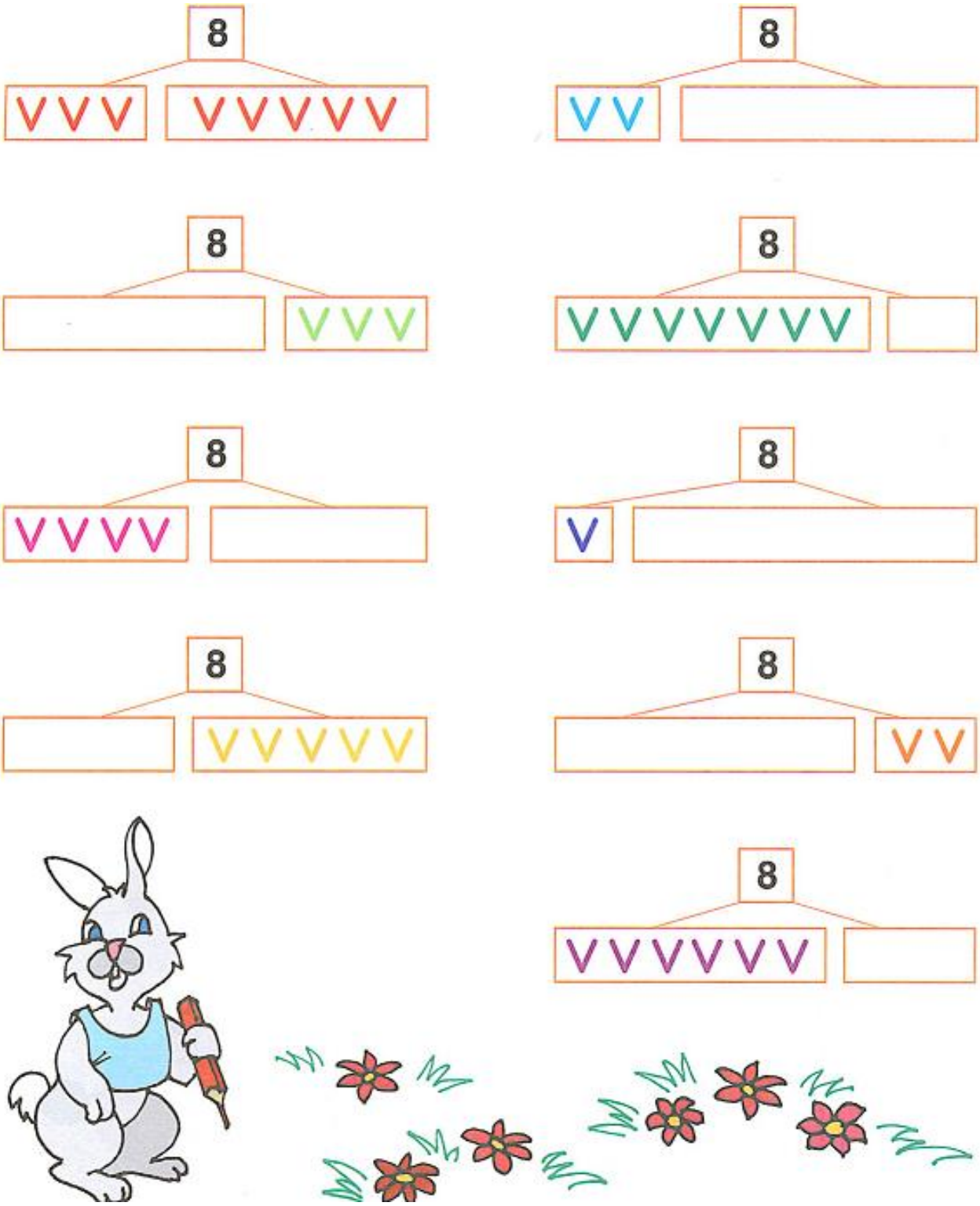


Problem 3

Find mistake in the bead pattern below. Color the beads according to pattern.

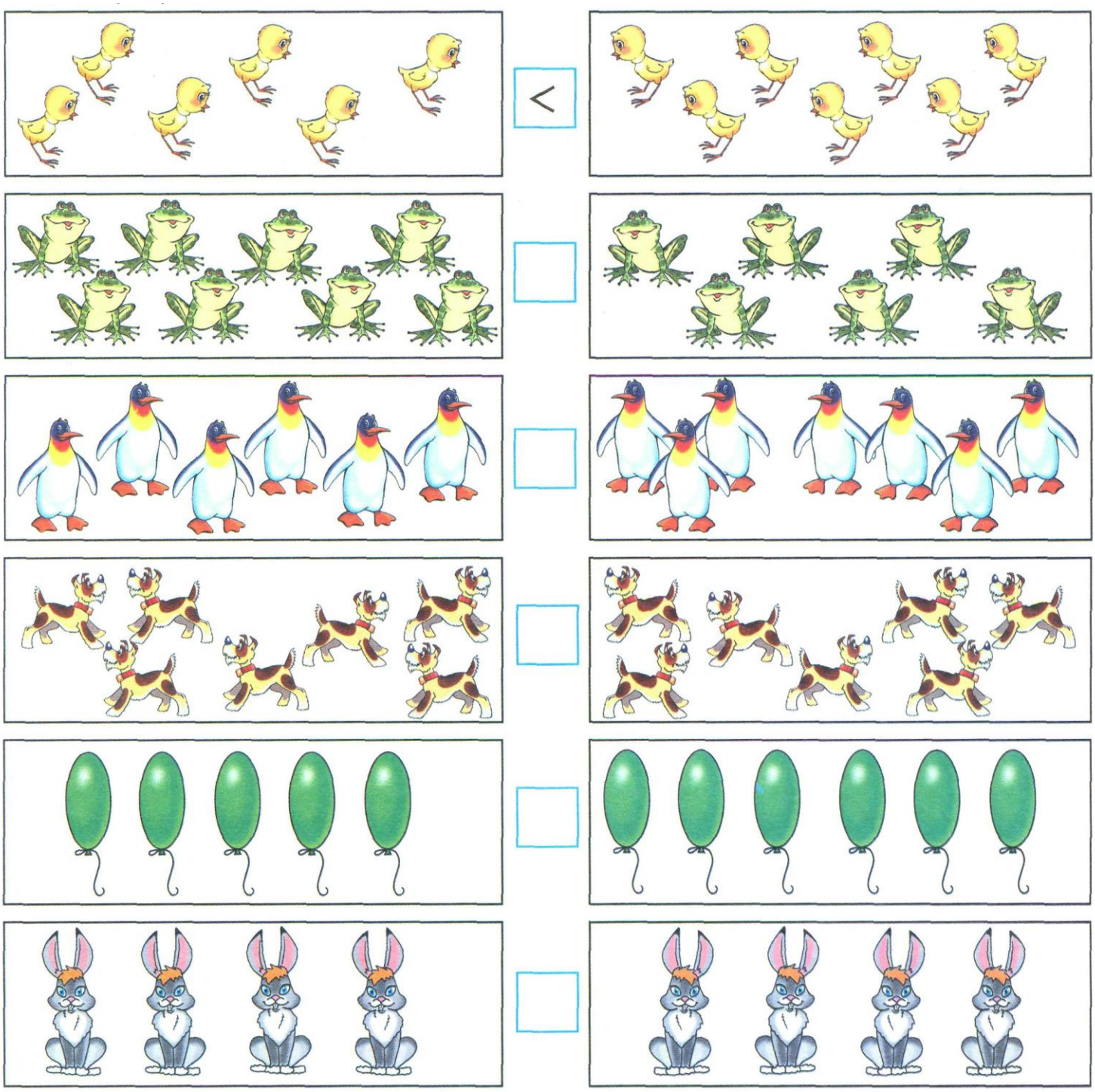


Problem 4 Help bunny to complete each picture where check marks add up to 8. Hint: Use colors



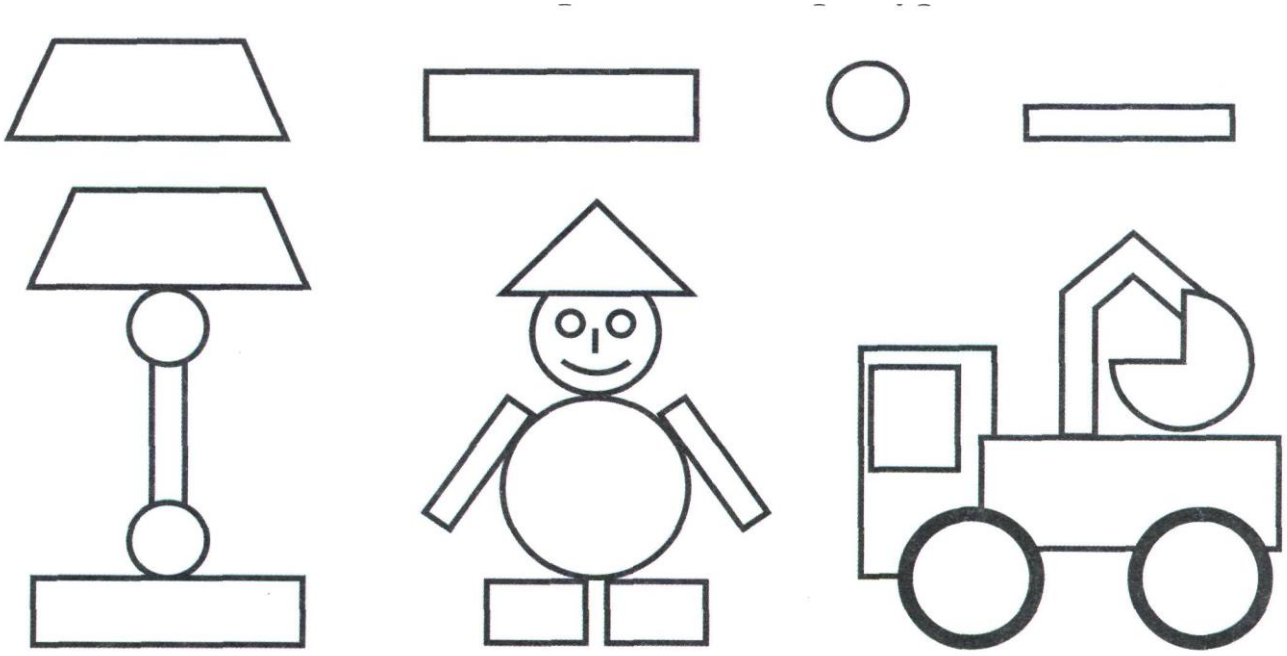
Problem 5

Count and compare objects in each set. Place the signs >, <, = in between two sets inside an empty box



Problem 6

Name the shapes that you recognize. Find an object that is only made out of these shapes. Color it.



Problem 7.

As fast as you can, cross out the numbers in order that start with the smallest number.

6	9	2
3	1	8
7	5	4

with the largest number.

1	5	6
7	3	8
4	9	2

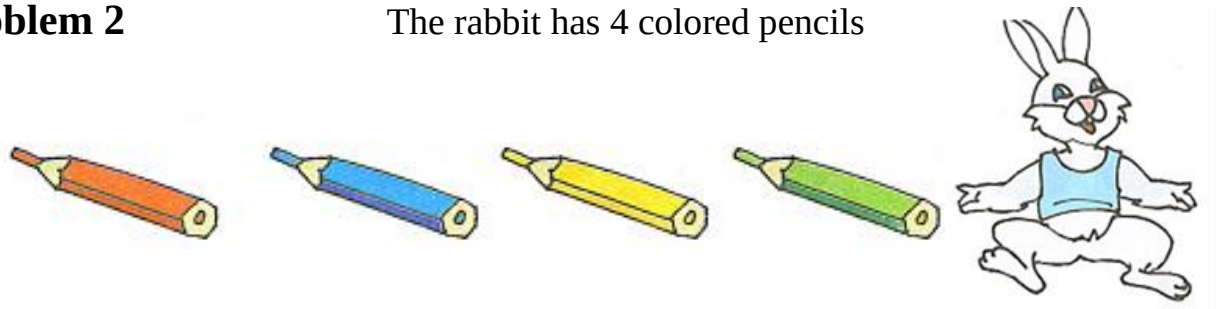
Classwork 22

Problem 1

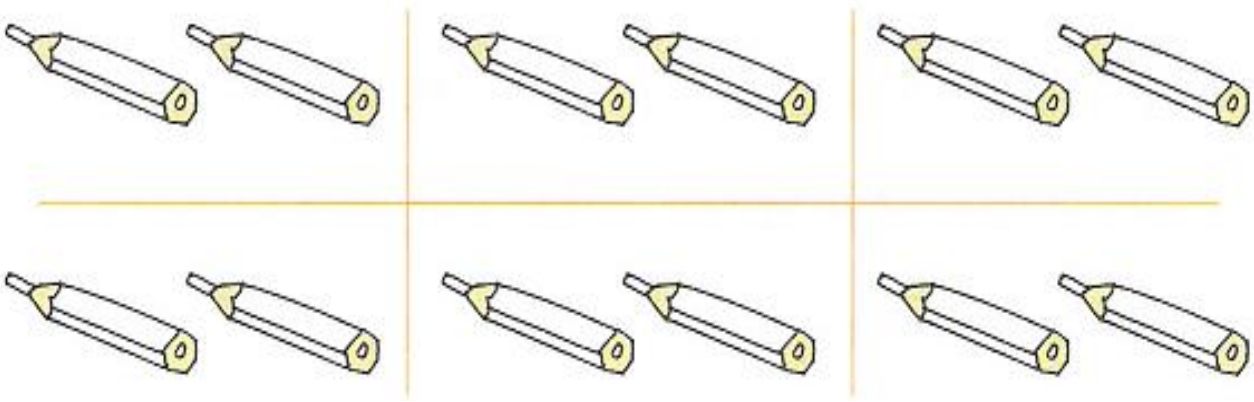
The shapes were piled upon top of one another. Name the shapes starting with the top shape.

Problem 2

The rabbit has 4 colored pencils

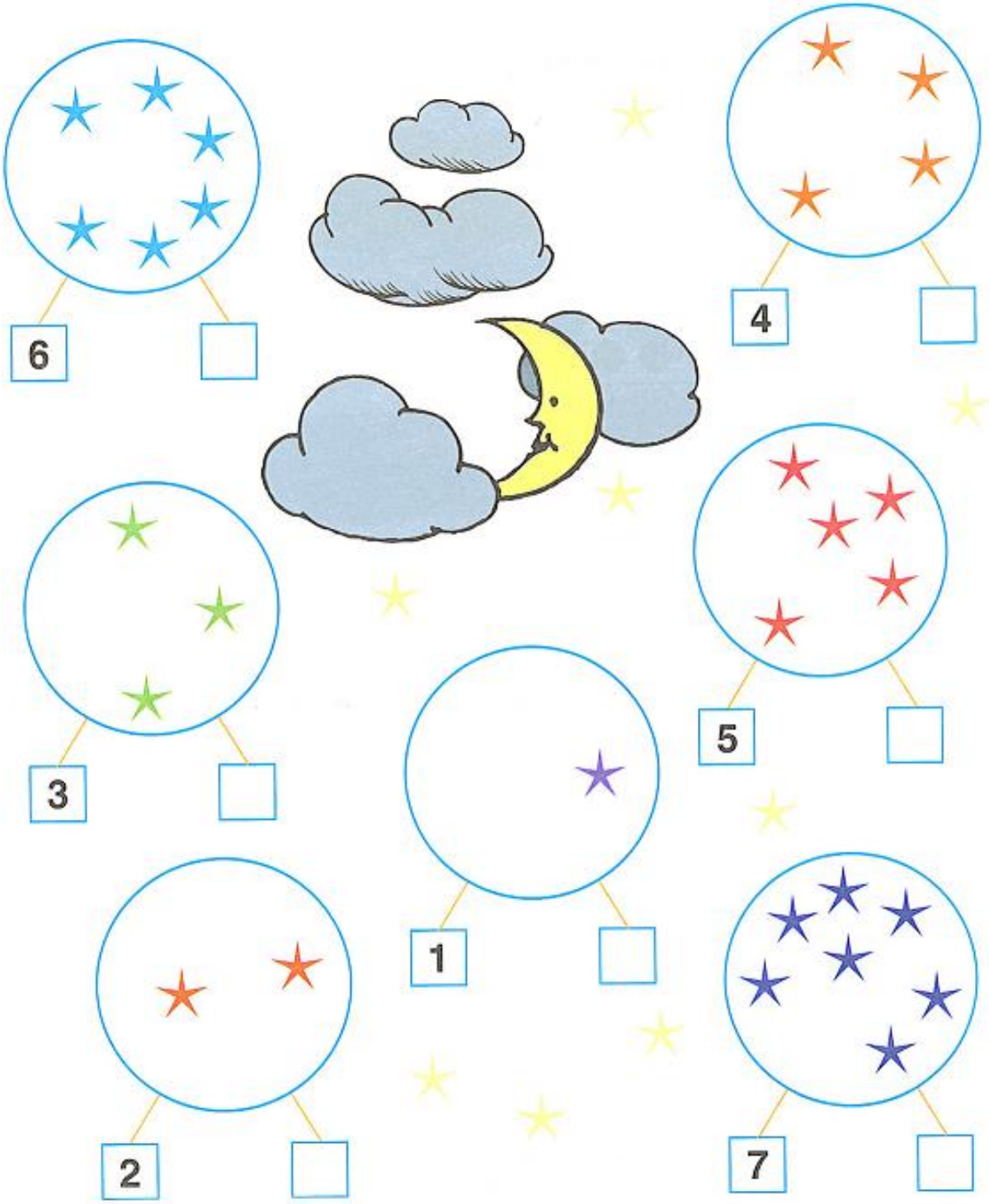


He wants to give 2 pencils to bear. Which pencils can he give? Color in all possibilities.

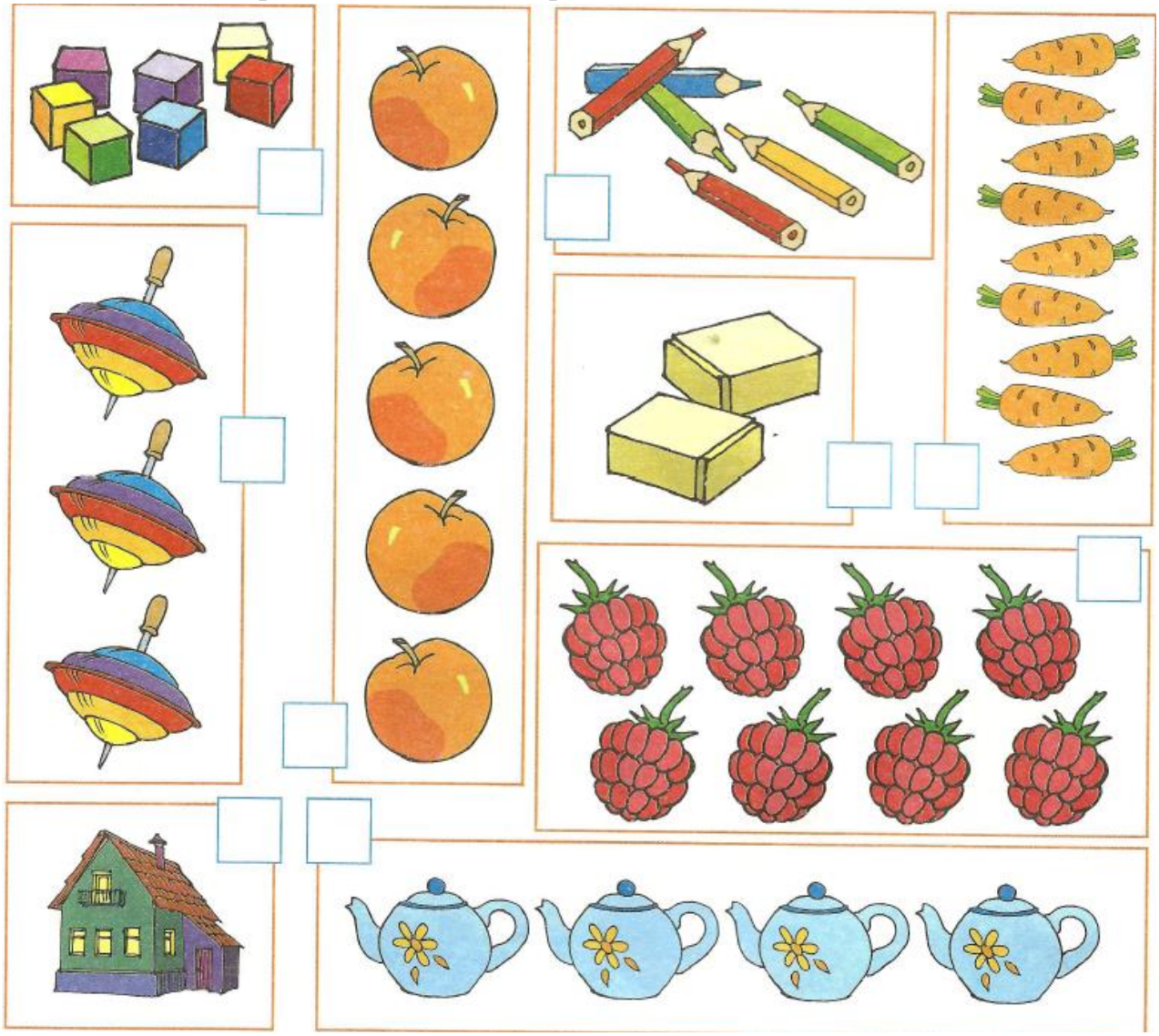


Problem 3

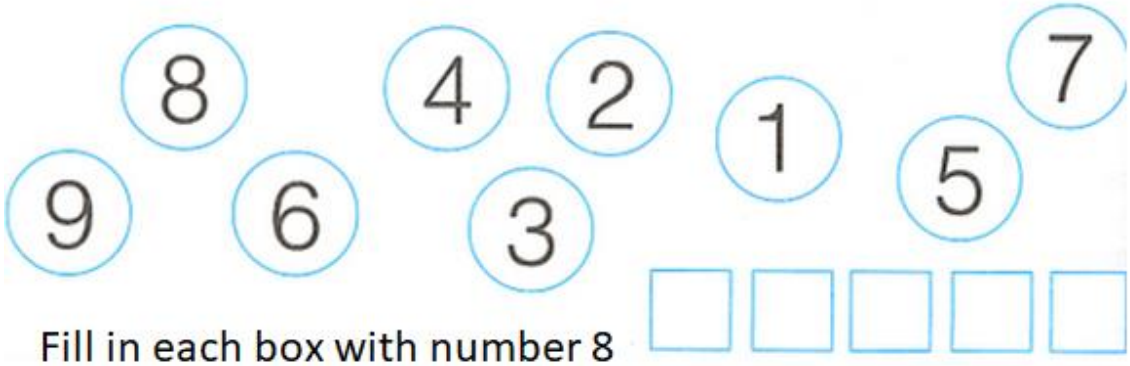
What numbers add up to 8? Using green color pencil, draw as the stars to add up to **8 stars**. Write the number of stars you added inside an empty box.



Problem 4 Count the number of objects in each set, and write the number in the box provided next to that picture.

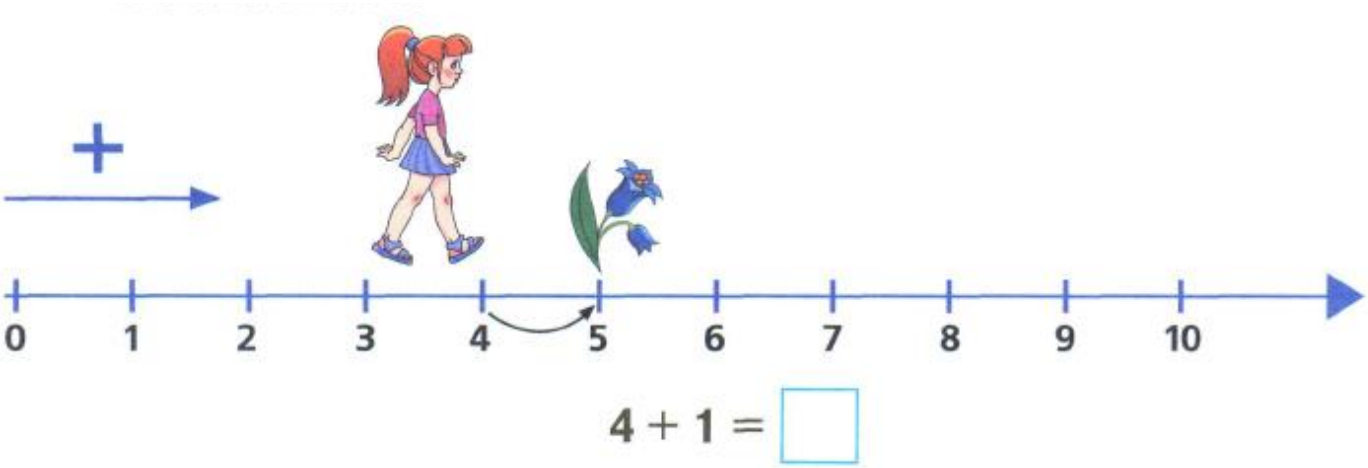


Number test. Color the number that was missed during the test.



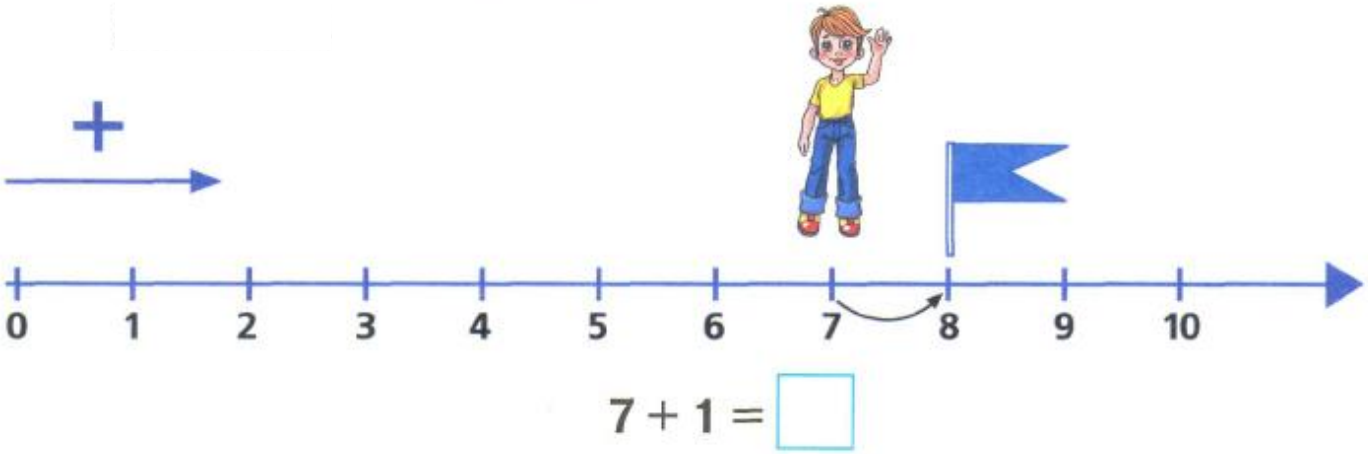
Problem 5

What number is the girl standing on? How many steps does she need to take to reach to the flower? Write in the empty box the number she will end up standing on after she gets the flower.



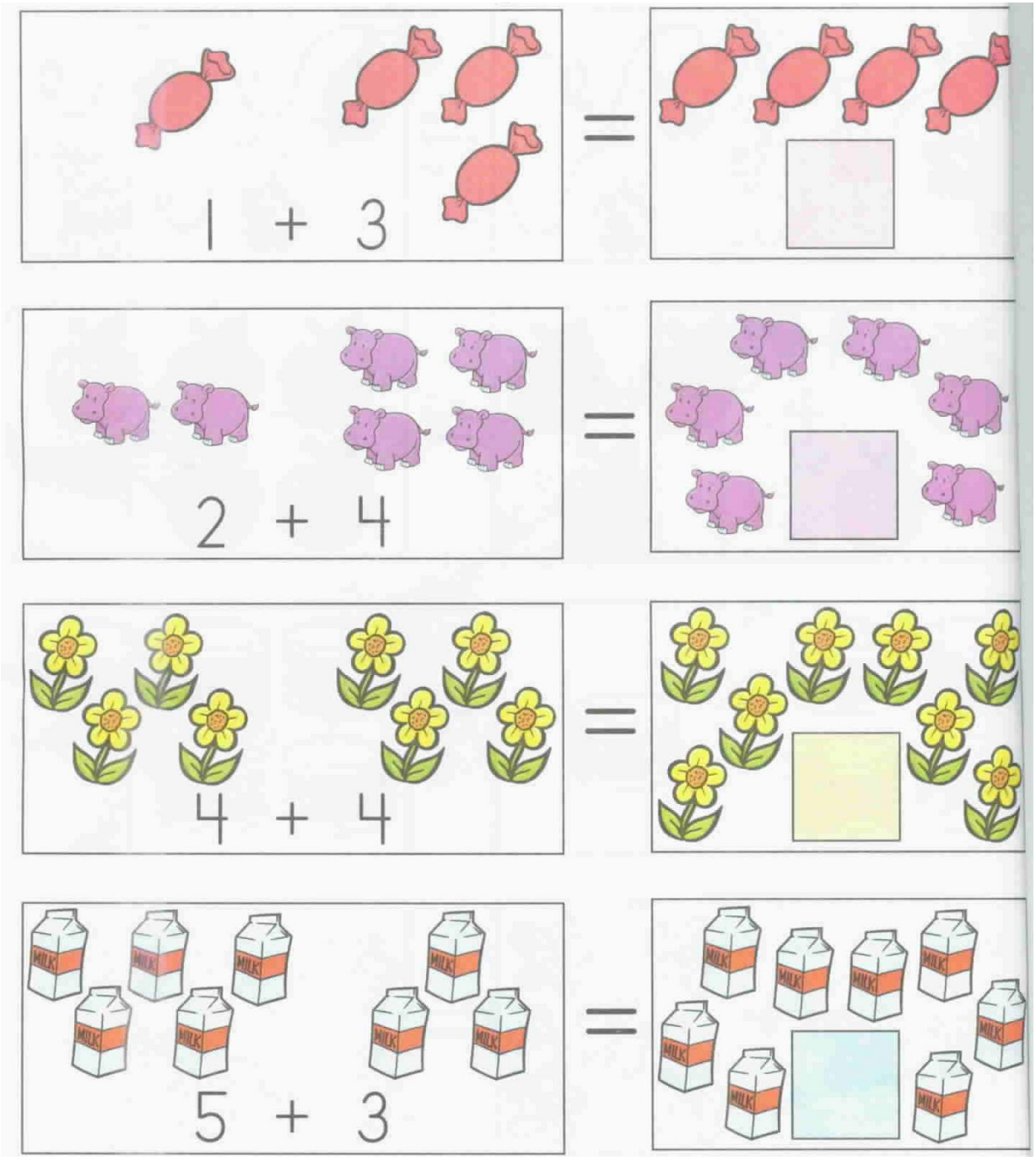
Remember In order to add **1** to any number, starting at that number, you need to take one step to the right on the number line. By adding **1**, you get the next number.

What number is the boy standing on? How many steps does he need to take in order to reach to a flag? Write in the empty box the number he will end up on eith the flag.



Problem 6

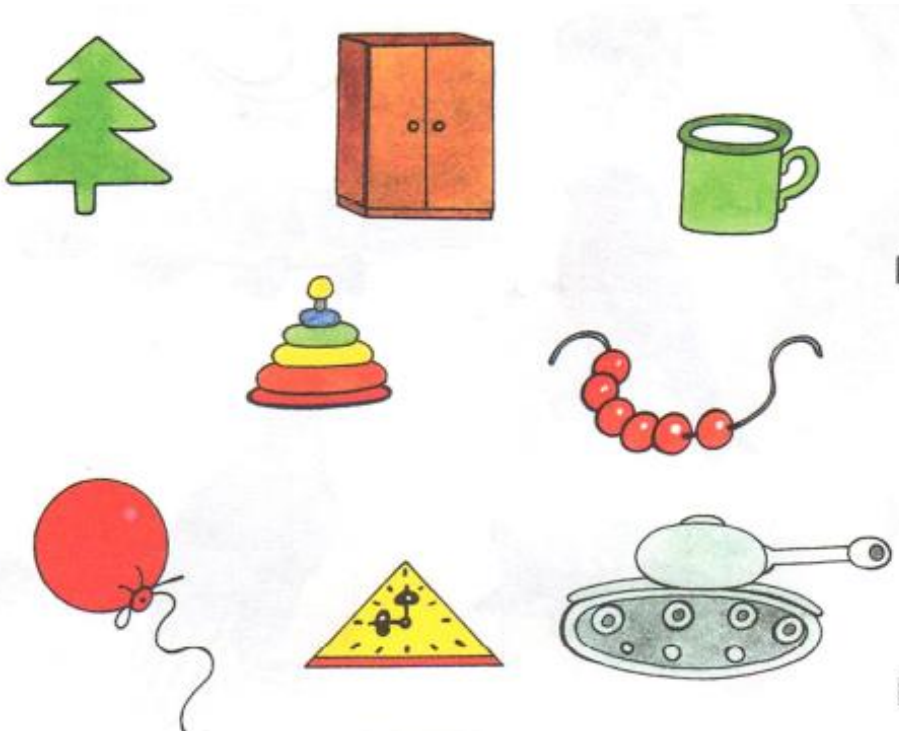
Learning how to add. Count, add, and record the result in the answer box.



Problem 7

Winnie the Pooh bought a red circular object in a store.
Cinderella bought a yellow triangular shaped object.
The boy in a blue hat bought a gray oval object.
Boy with a ginger hair bought a brown rectangular object.

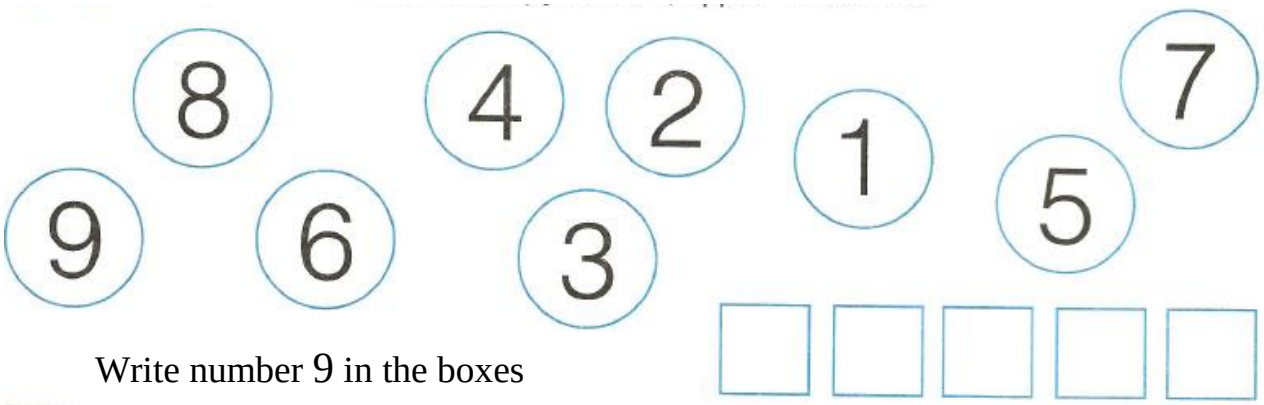
Find the objects each character bought. Connect a character to its object by a line.



Classwork 23

Problem 1

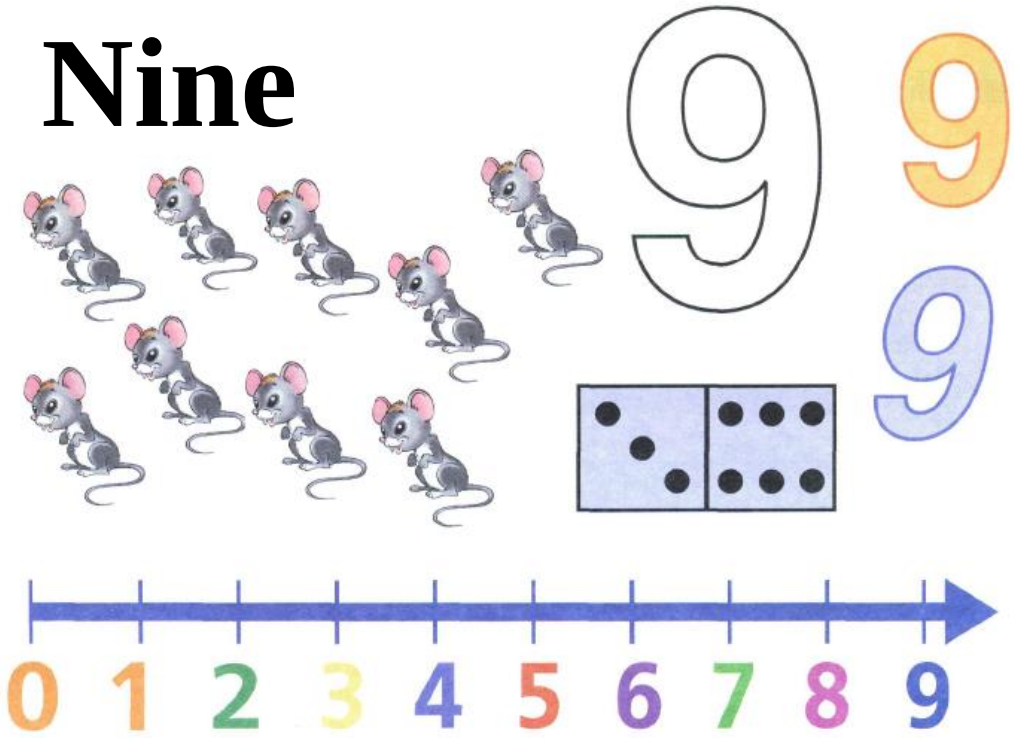
Number test. Color the number that was missed during the test.



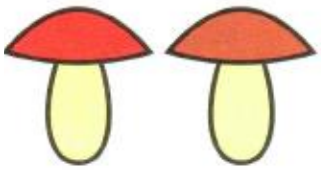
Write number 9 in the boxes

Problem 2

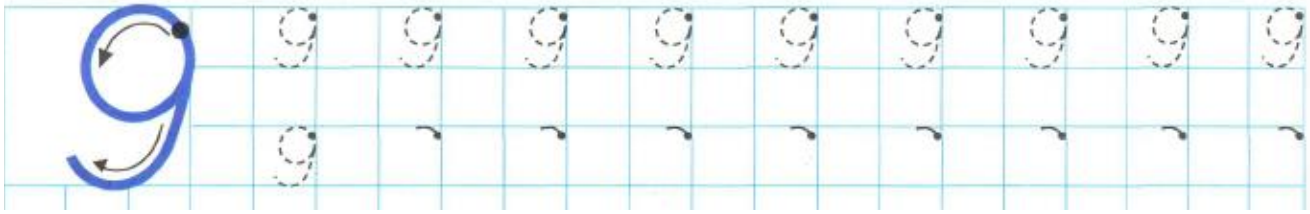
Color in the number **9**. Find this number on the number line. Count backwards and forwards all the numbers you see on the number line. Find "neighboring" numbers for 1, 3, 4, 8 and 9.



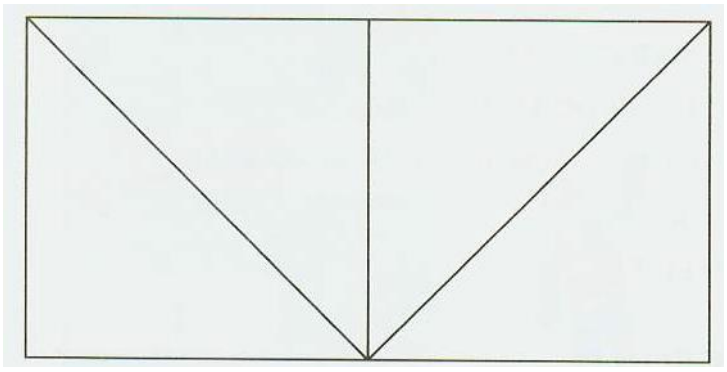
Problem 3 Draw more mushrooms, so that there would be less mushrooms than flowers. Write the number of flowers and the final number of mushrooms in the empty boxes to the right.



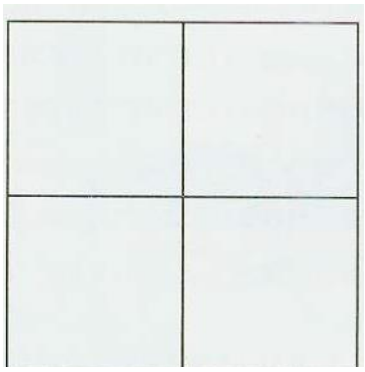
Practice writing number 9.



How many triangles can you see?
Write that number inside an empty box



How many squares?

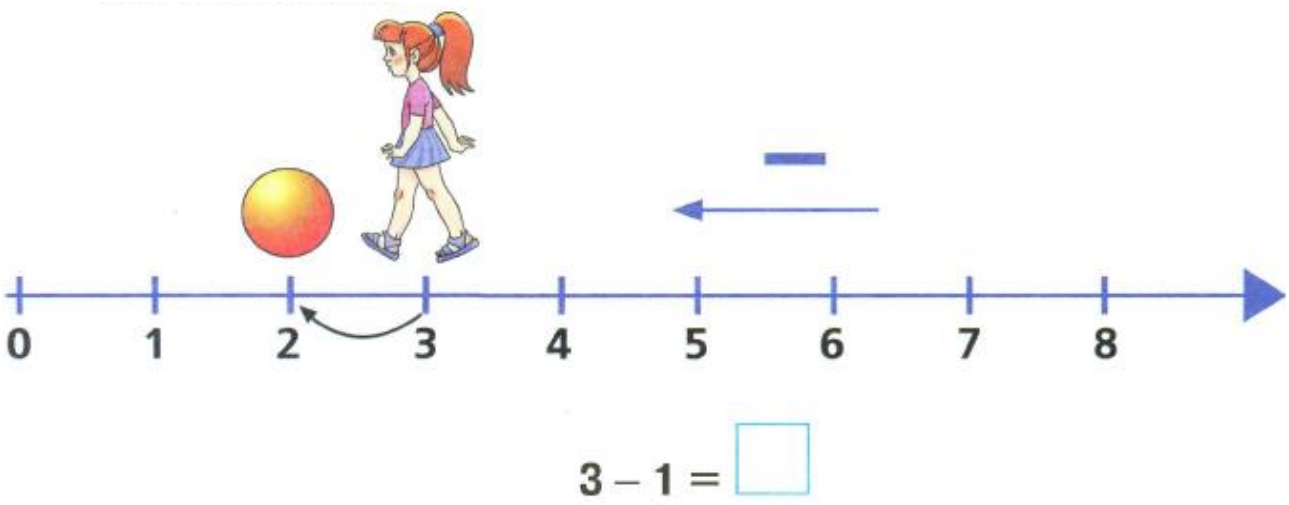


Problem 4

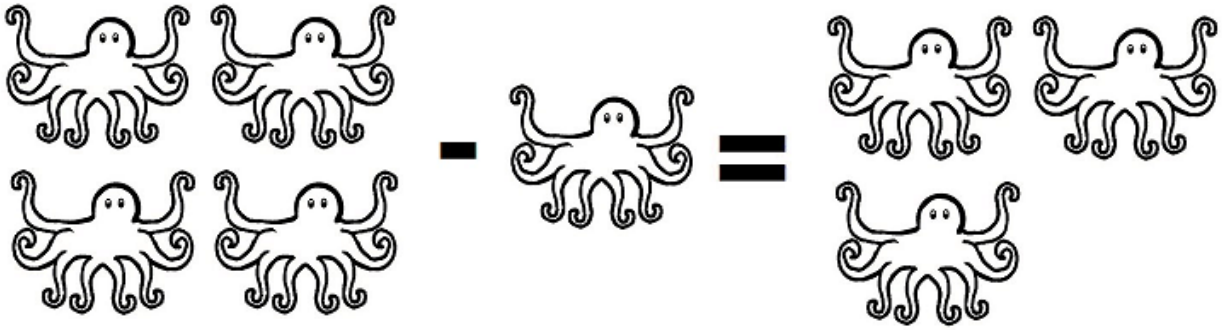
What number is the girl standing on? How many steps does she need to take to reach to a ball? Write the number she will end up on inside an empty square.

.

Remember! In order to subtract 1 from any number, you need to take one step to the left on the number line. Subtract 1, resulting in the following number.

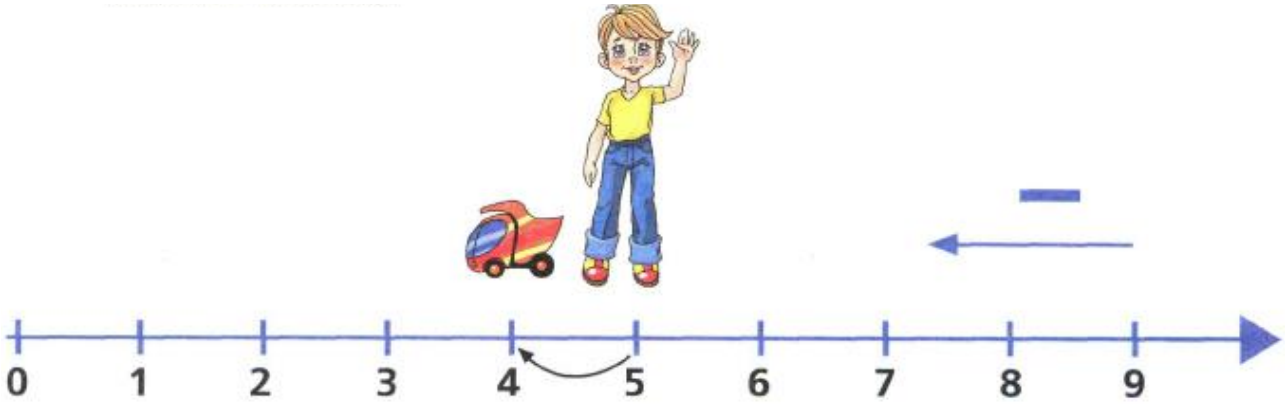


Comparisons with the subtraction of objects:



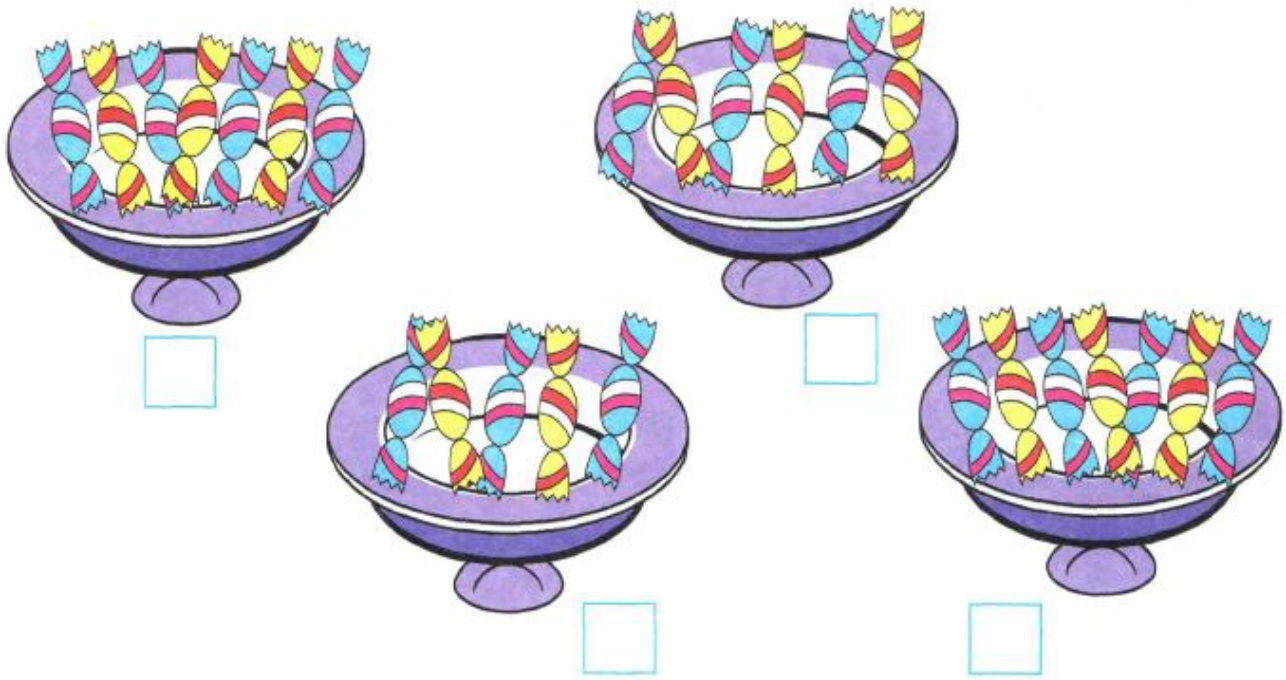
Problem 5

On what number is the boy standing on? How many steps does he need to take to reach the car? Write in the empty box the number he will end up on.

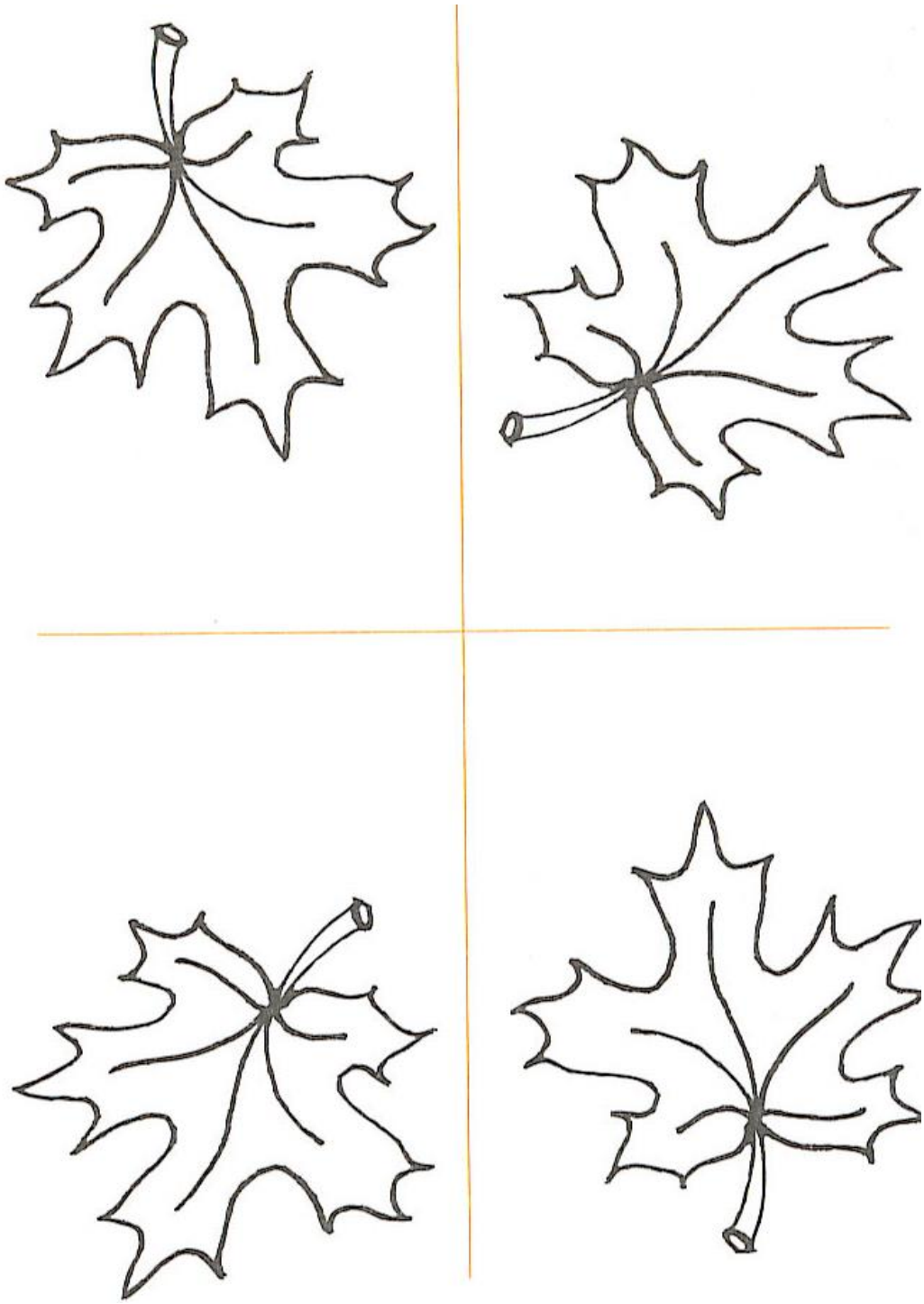


$5 - 1 = \square$

Count the number of candies in each plate. Write that number in the empty boxes under each plate. Find plates with the same number of candies and connect them by a line.

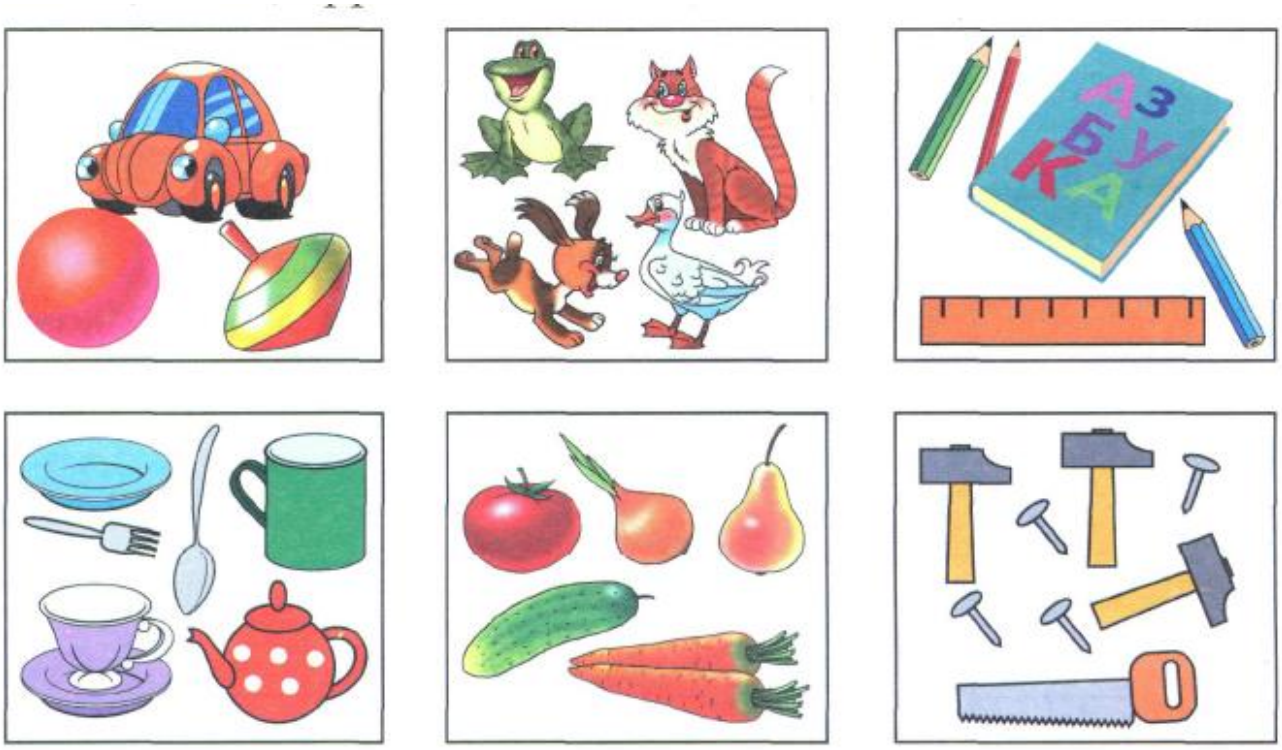


Problem 6 Color:
Top right leaf- yellow.
Bottom left- green.
Top left- red.



Problem 7 Count the objects in each picture. Circle the group that contains the most animals or plants.

Count the objects in each set. Connect each picture with the matching number on the bottom of the page.



3 4 5 6 7 8

Problem 8

«Oh no- oh no- oh no!
The cat's house caught fire.
Chicken are running with buckets,
To put out the fire. »
How many buckets of water needed to put out the fire?
Find the matching pairs of buckets and connect them by a line.

Classwork 24

Problem 1 Fill in the missing numbers.

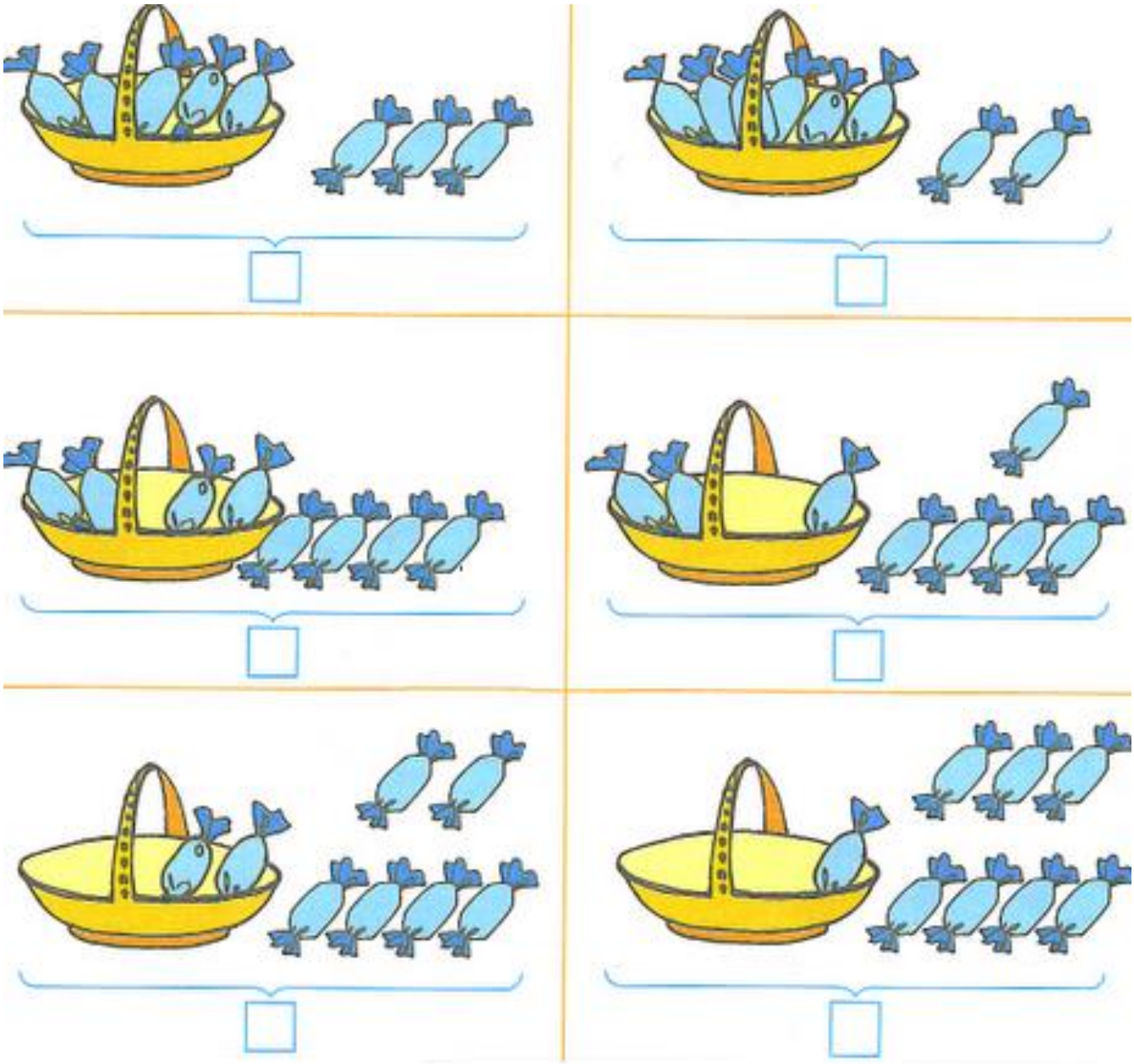
0			3			6		8	9	
10		8		6			3			0
0	1		3			6			9	
	9		7			4			1	

Problem 2

Help Pencilman to find match for each object. Connect pairs by a line. Color each pair in the same color.

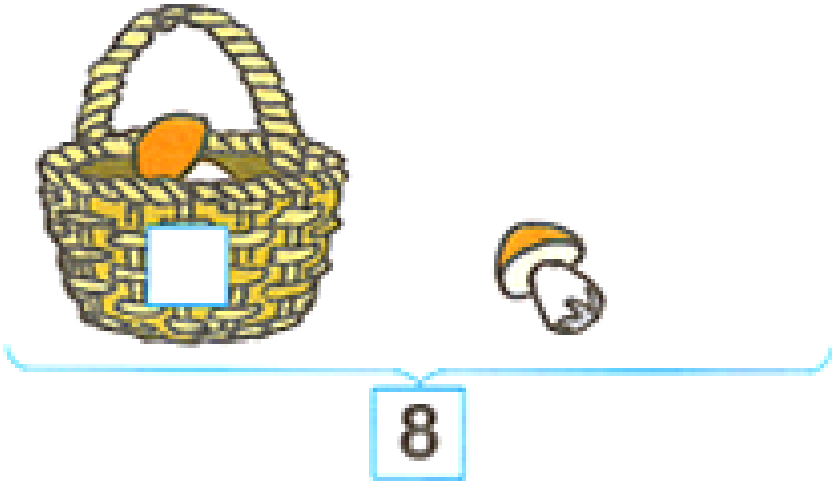
Problem 3

Look at the pictures closely and explain how **8** candies were sorted in a different way each time. Write those possibilities how they were added up to 8.



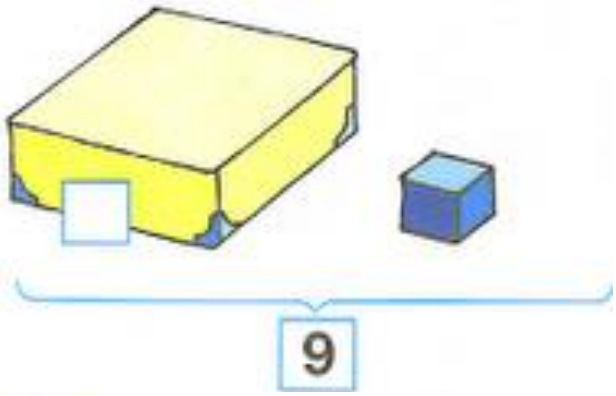
Problem 4

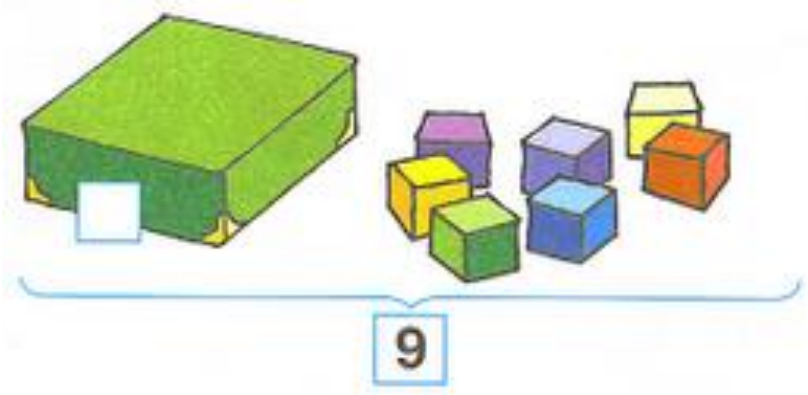
How many mushrooms are in the basket? Write that number on the basket.



Задание 5

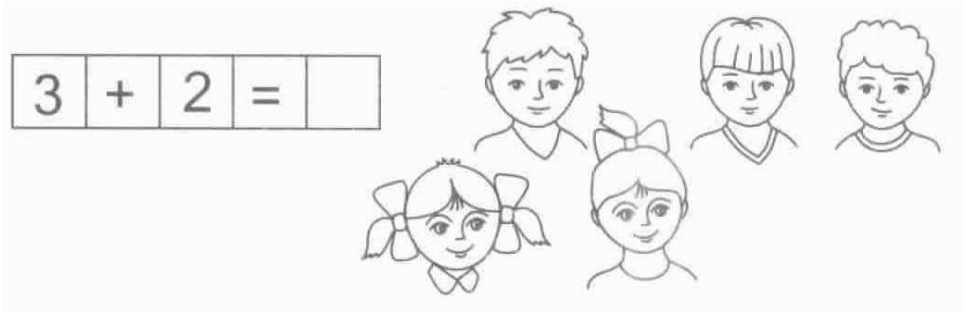
How many cubes are in each case that adds up to 9? Write that number in the empty box next to case.



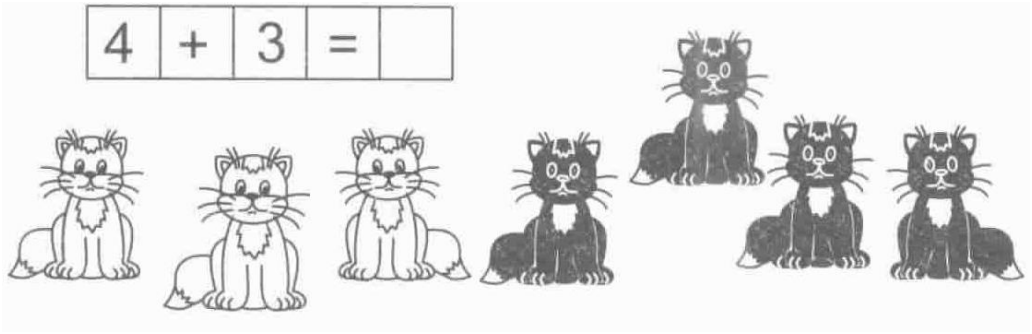


Problem 6 Addition problems.

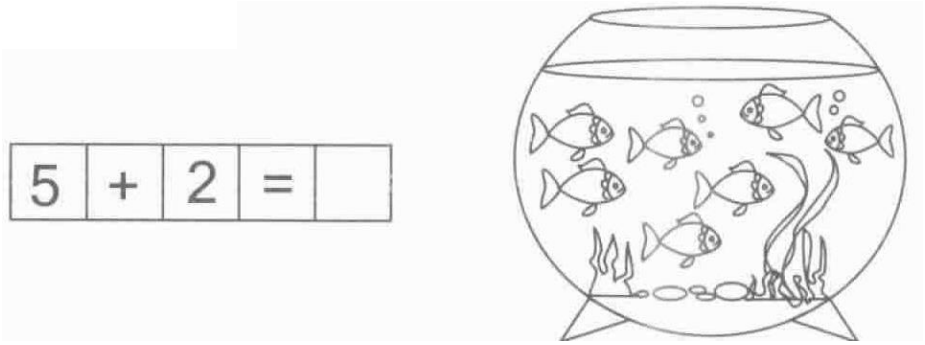
3 boys and 2 girls came to visit Nick. How many guests in total were at Nick's house?



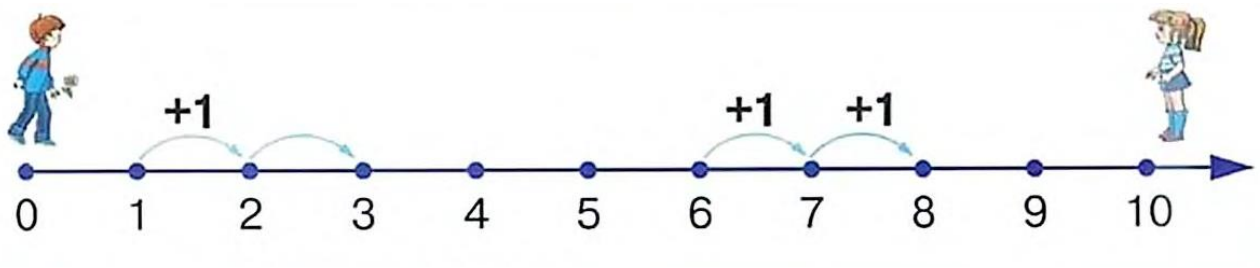
Sofia has 4 black kittens and 3 white kittens. How many kittens does she have in all?



There were 5 fish in aquarium, then mom added two more. How many fish are there now in the aquarium?



Problem 7



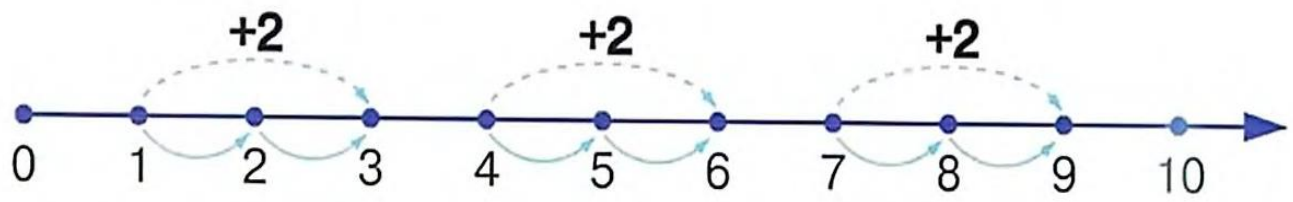
Remember

In order to add **2** to any number, you need to take two steps to the right from that number on the number line, so **1** step, and then another step. By adding **1** say the next in order number.

$$1 + \underbrace{1 + 1} = 3 \qquad 6 + \underbrace{1 + 1} = 8$$

$$1 + 2 = 3 \qquad 6 + 2 = 8$$

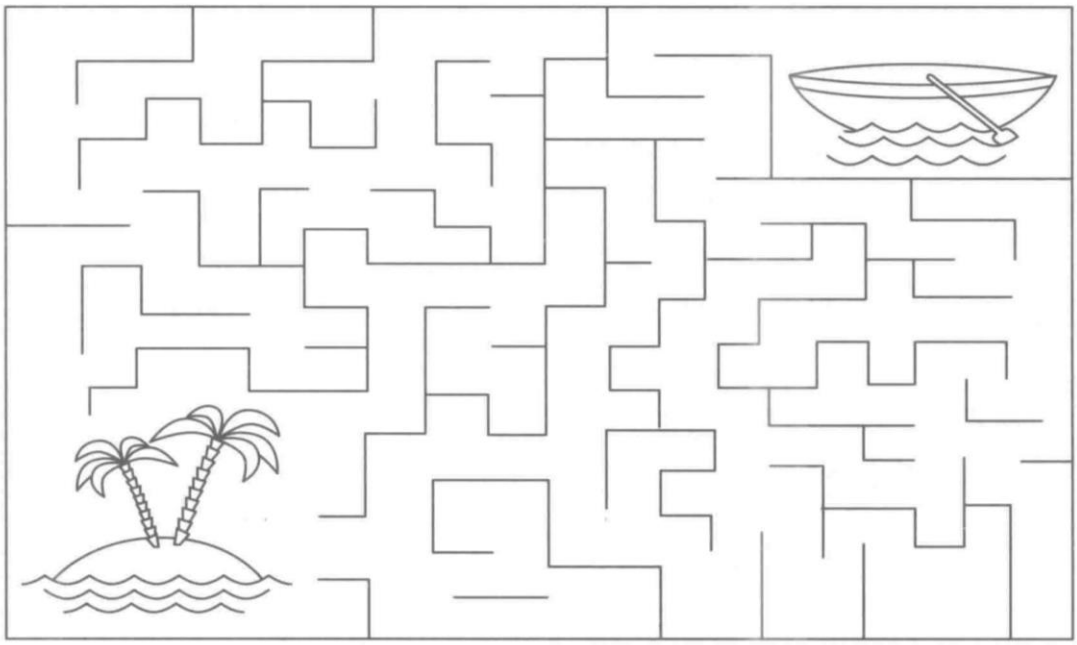
Look at the problems below. Notice how **2 was** added? Write the missing numbers in the boxes. (Using the number lines.)



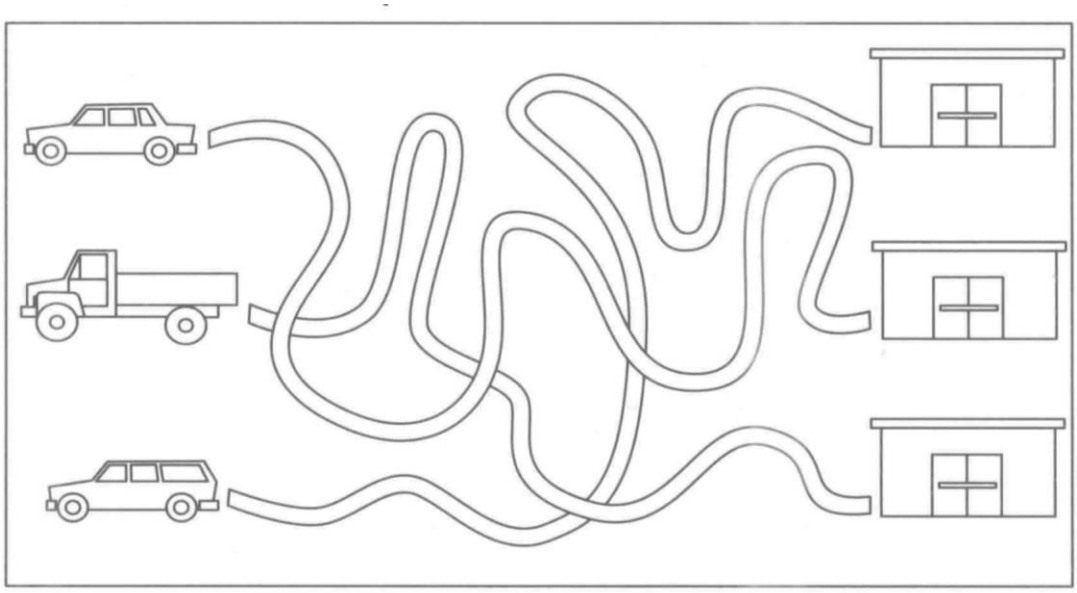
$$\frac{1+2}{1+1+1} = \square \qquad \frac{4+2}{4+1+\square} = \square \qquad \frac{7+2}{7+\square+1} = \square$$

Problem 8

Help boat to reach the island.



Can you figure out which car left which garage?



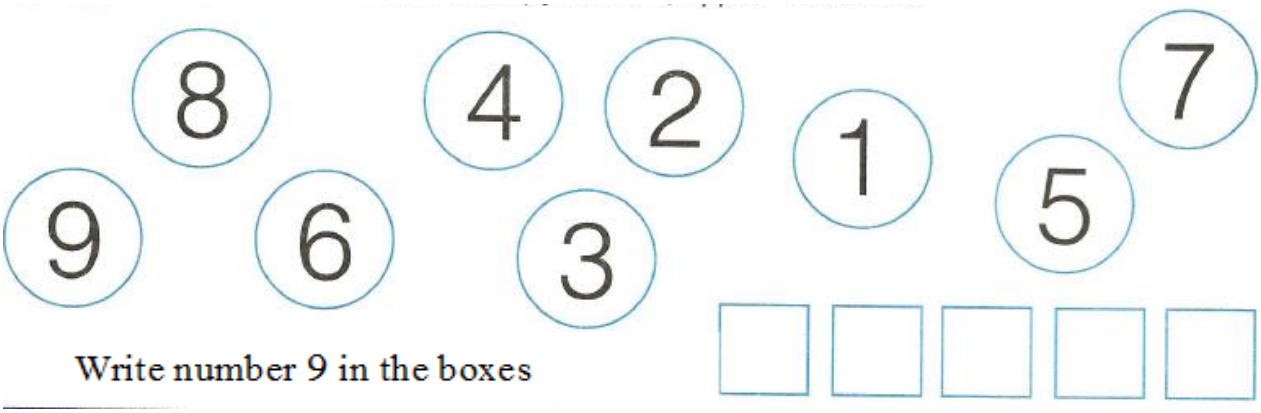
Problem 9

We need two teams to play a game of basketball. One team will only have wild animals (green colored shirts), another team will be formed from farm animals (blue shirts).
Name the animal players of each team. Color the shirts.

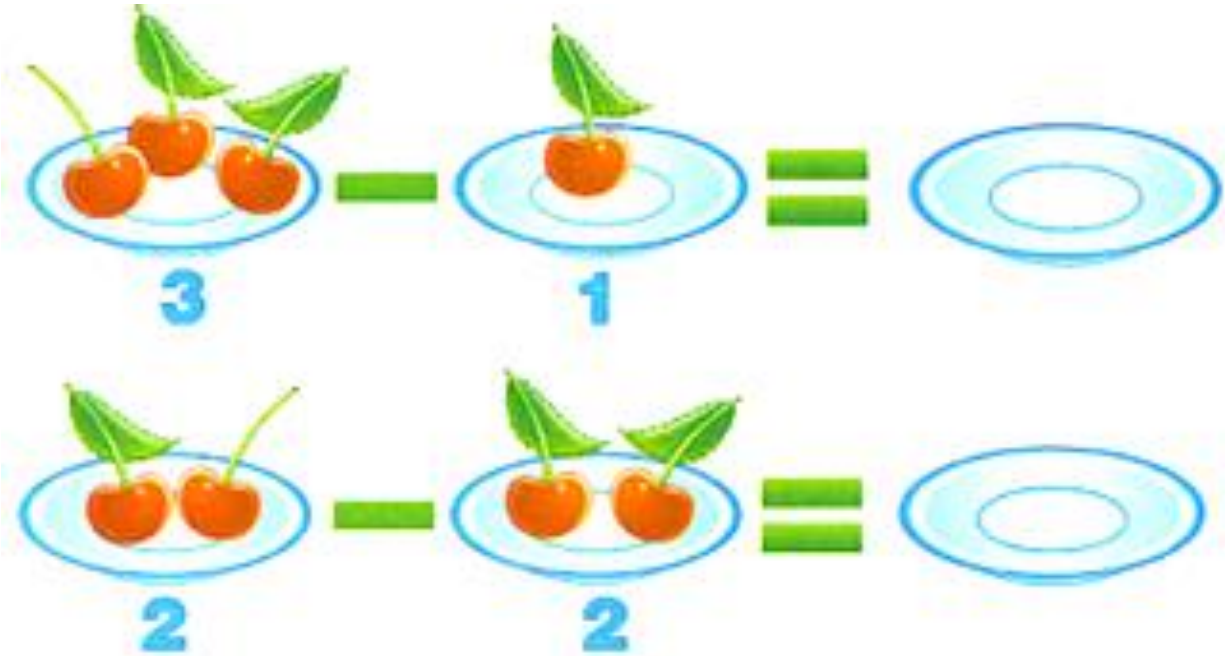
Classwork 25

Problem 1

Number test. Color the number that was missed during the test.

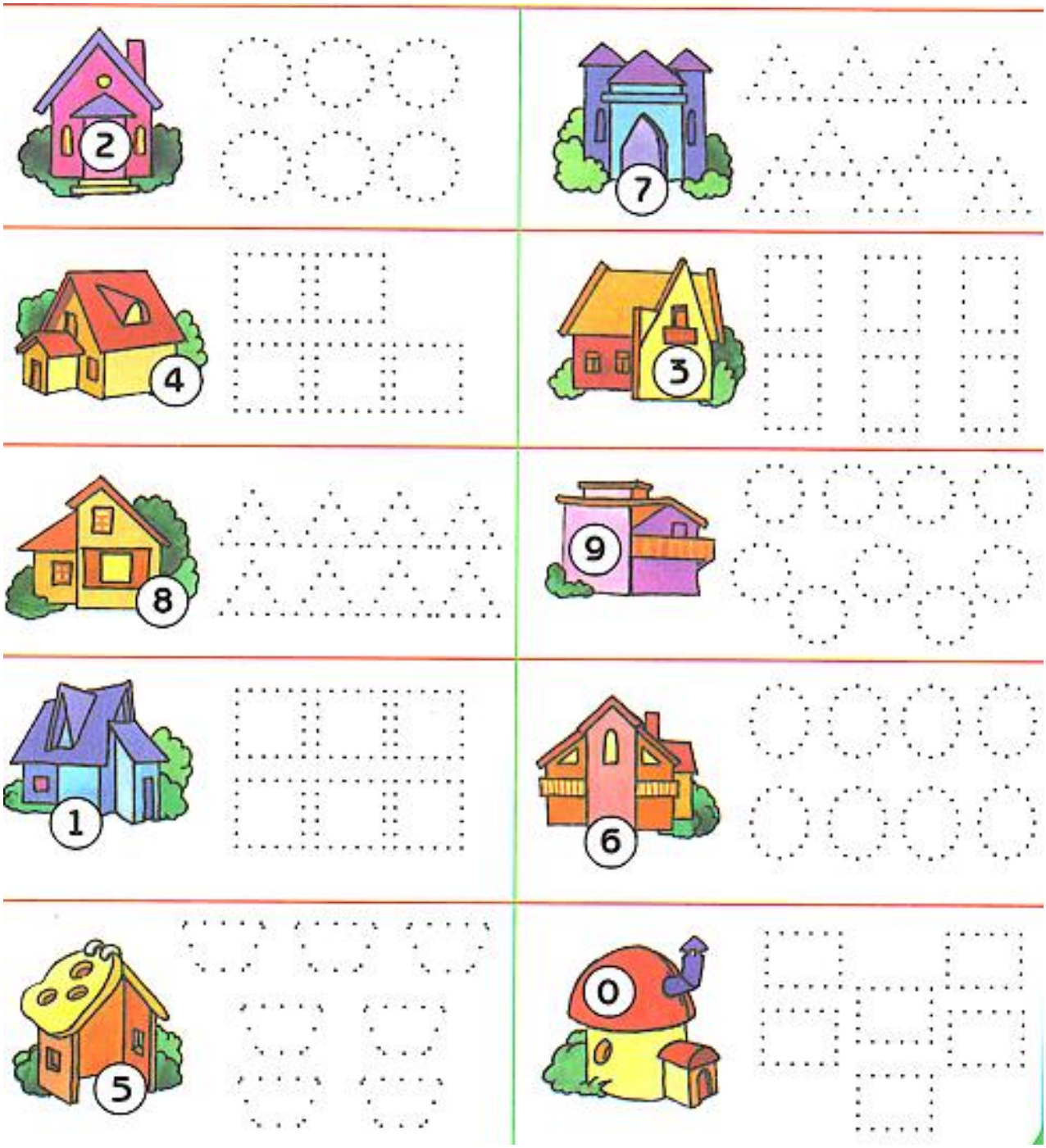


Problem 2 Solve a problem**.** Draw the answer.



Problem 3

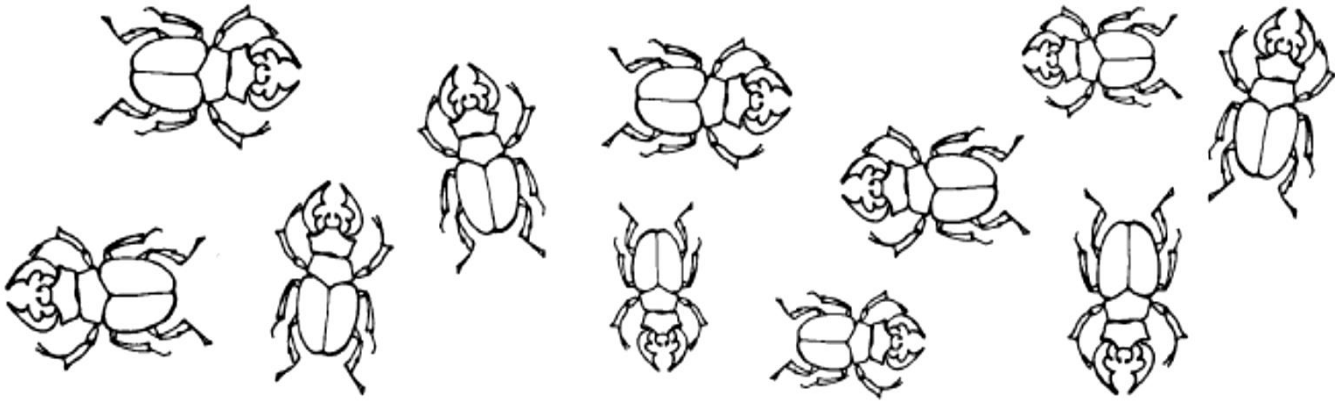
1. Look at the number on each house. Say the number.
2. Trace and color the same amount of shapes as the number on the house.
3. Name the shapes.



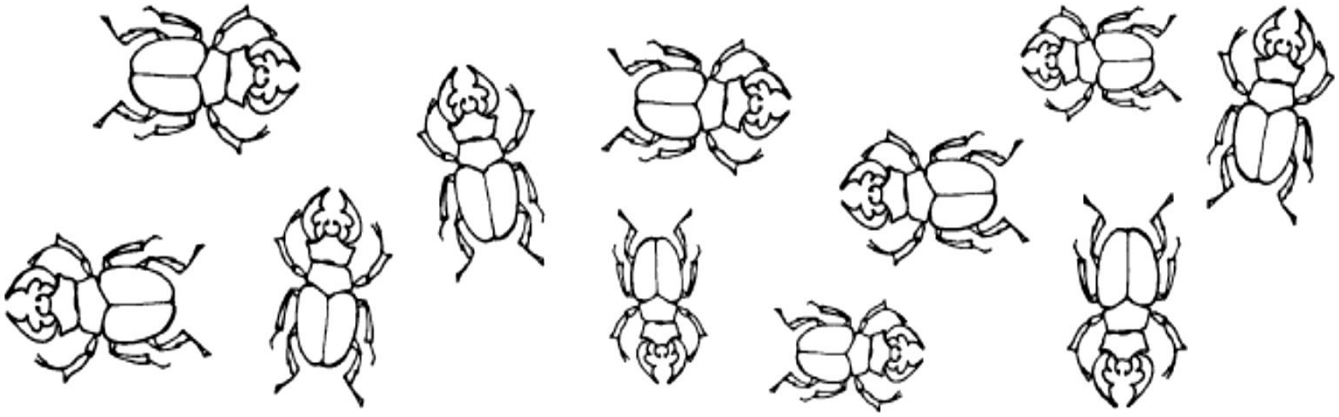
Problem 4

Color in bugs that go:

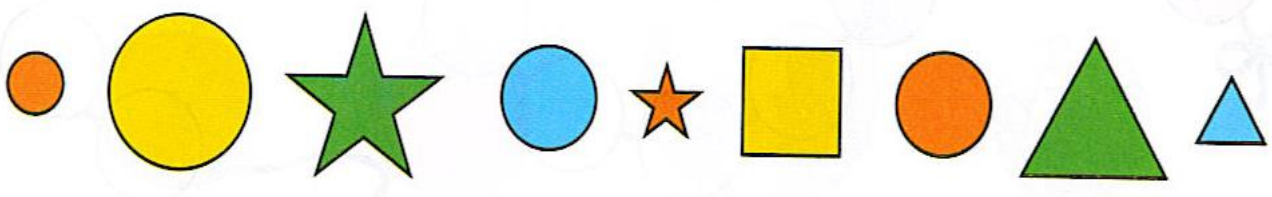
to the right - in brown;



to the left- in blue



Problem 5 Name the shapes. Cross out all the circles.



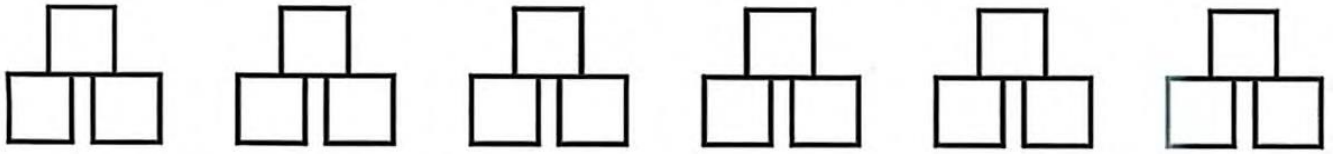
Problem 6

Once upon a time, the animals decided to vote for a king. Animals who voted for the Lion brought nuts, and those who voted for the Elephant brought acorns. They collected the pile of nuts and acorns. They started to count the nuts and acorns.
Who do you think is the winner? How many more votes does the winner have?
Color in the king.

Problem 7

Compare and put the signs **>,<,=.**

Show all possibilities and color the squares one after another in green, yellow and red. Do not repeat the pattern.



Problem 8

Find **5** differences.

Classwork 26

Problem 1 Count mentally.

Count from **0** to **10** and back. Count from **2** to **10** and back.

Increase **5** by **1**. ☐

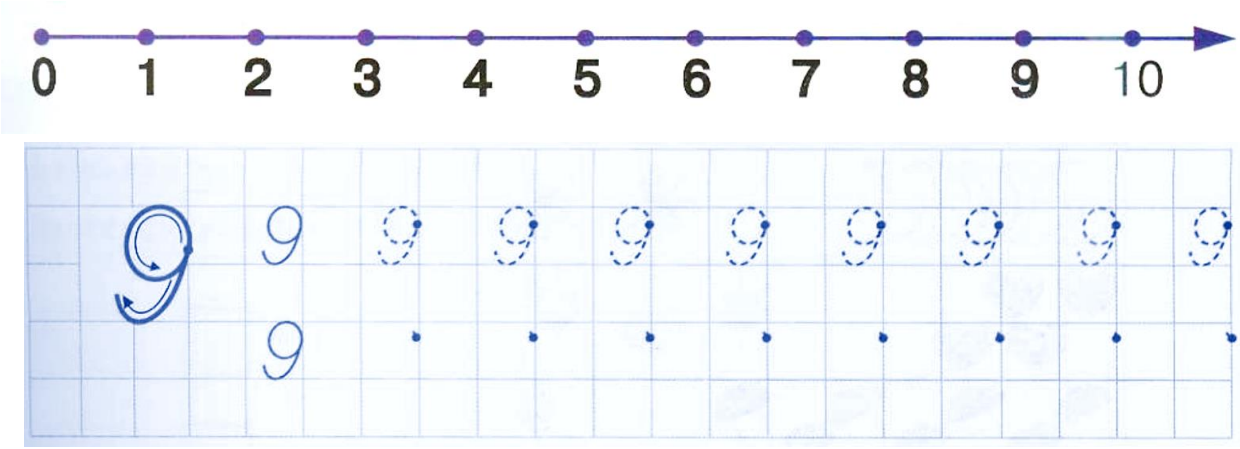
Decrease **6** by **1**. ☐

Name the «neighbors » of the numbers **2,7,9.**

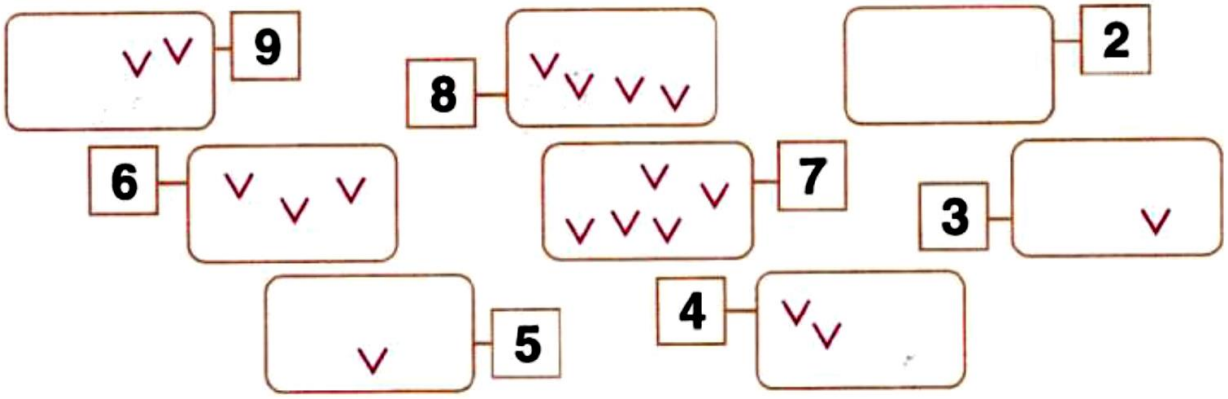
How much do you need to subtract from**7,** to get **6**? ☐

How much do you need to add to **8**, to get **9**? ☐

Add **3** and **1**. From **7** subtract **1**.

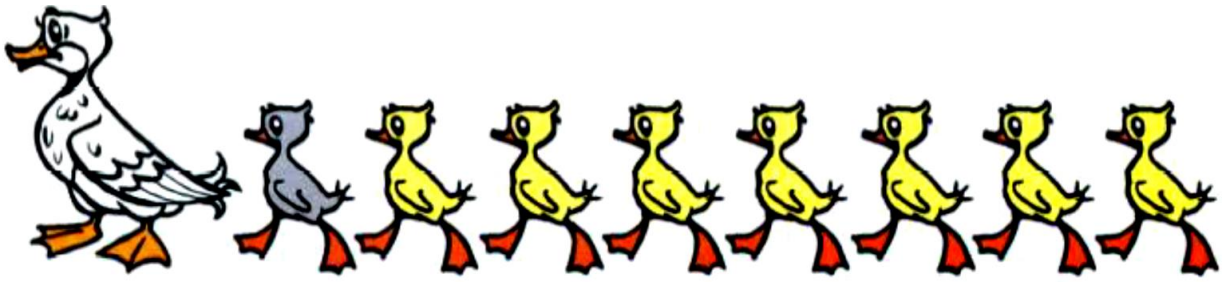


Problem 2 Finish each picture.

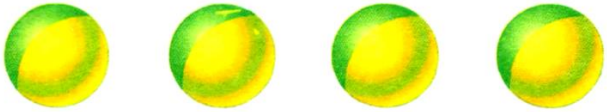


Problem 3

Who is on the picture? Count how many ducklings are following the duck.
Count them in order: first, second...
Circle the fifth duckling. In the order where is the gray duckling walking?
Put a cross **above** the duckling that is walking before the fourth duckling.



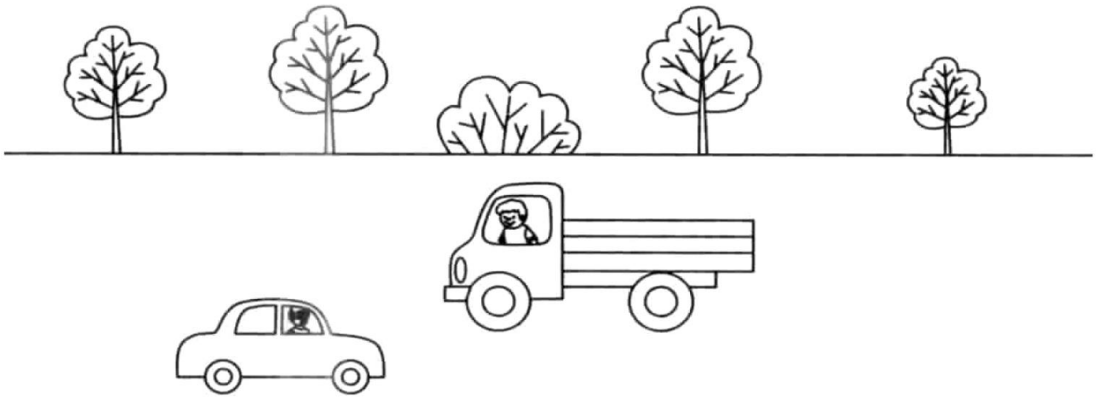
Add(draw) balls, so that there would be more balls than the cars. Write in the empty boxes the number of cars, and the resulting number of balls after



addition.

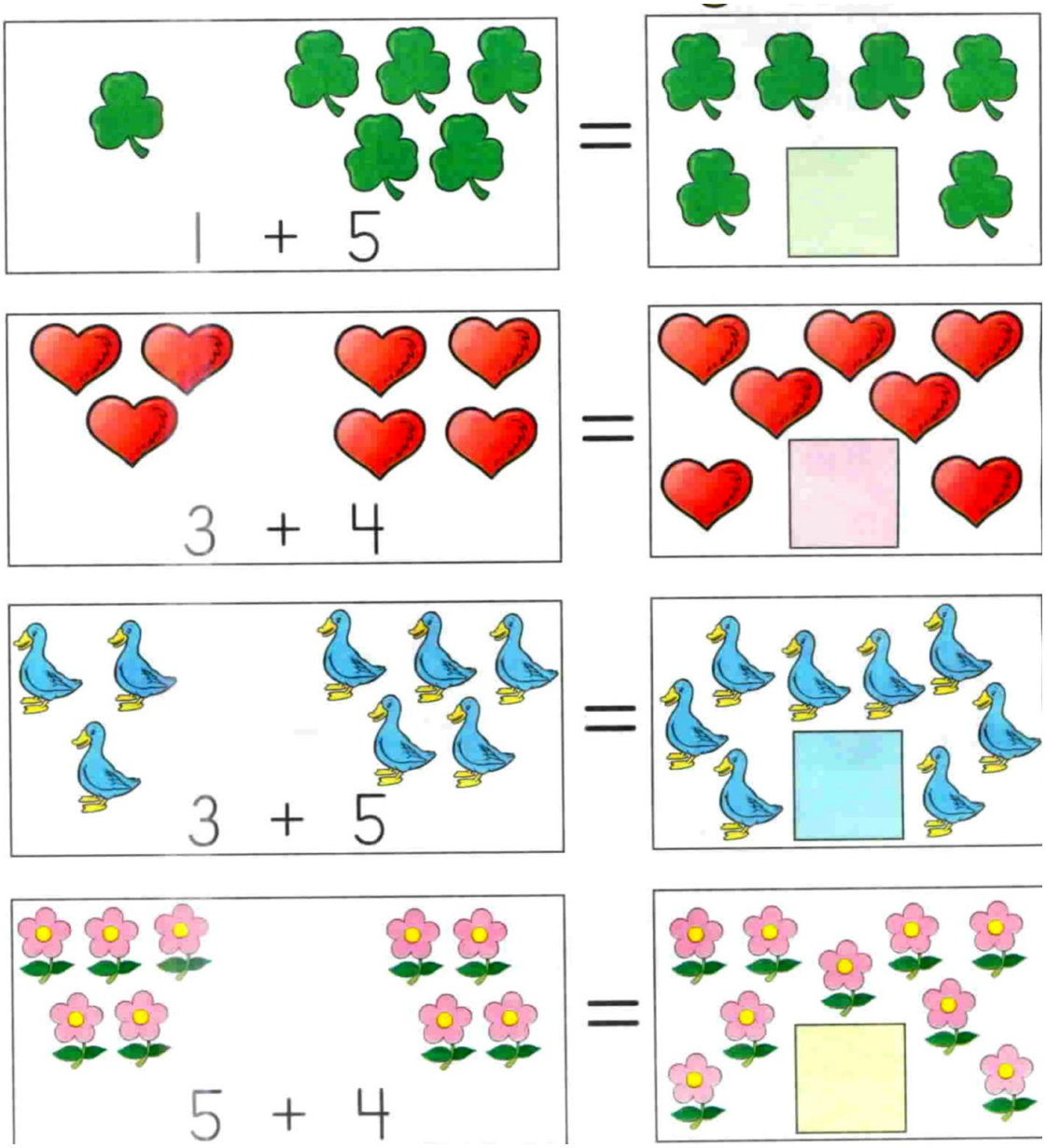
Problem 4

Anthony and Alex drove different types of cars: a truck and a passenger car.
Anthony drove a passenger car. Which car did Alex drive?



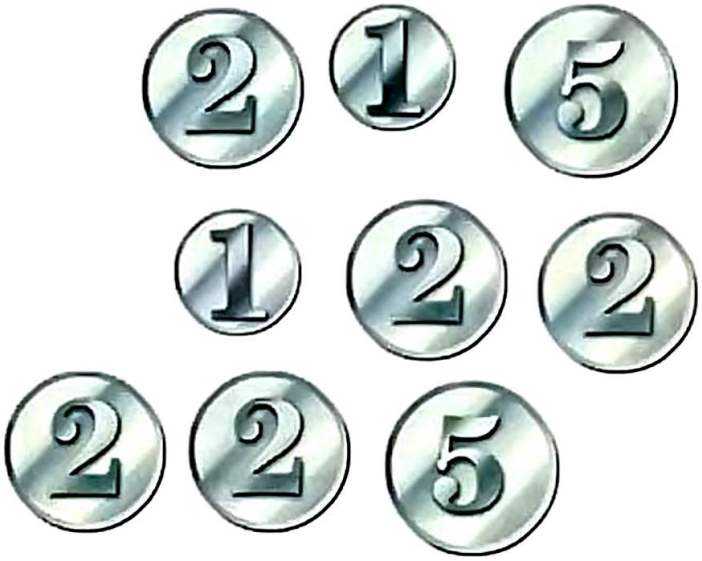
Eva and Nina helped their mom. Eva washed the fruits and Nina washed the vegetables. Name a girl who washed the apples?

Problem 5 Solve the problems. Write down the answer in the empty box.

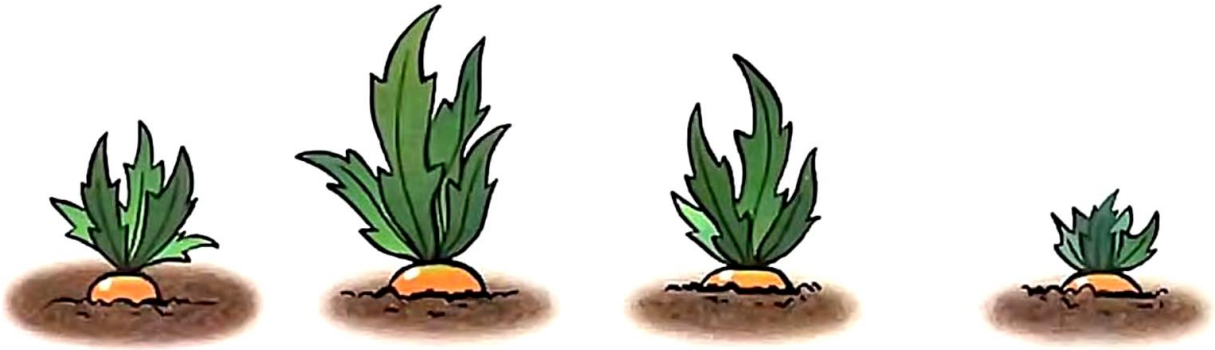


Problem 6

Using the coins try to get number 9 as many ways as possible. Connect the coins with lines so that by adding you get 9.



Which carrot was planted last?



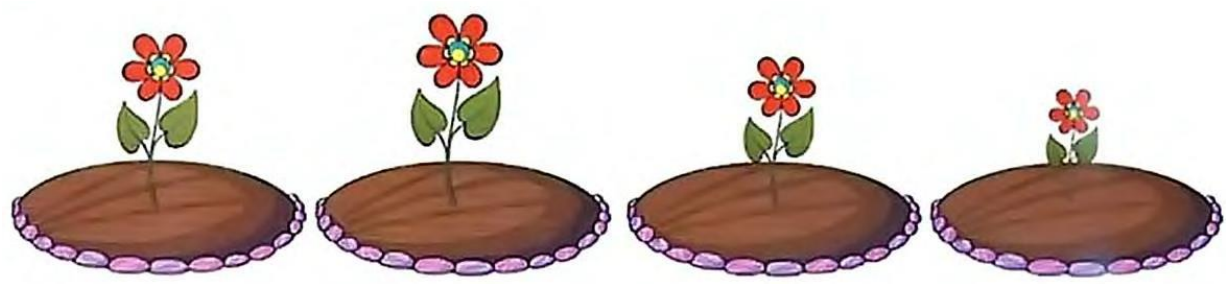
Problem 7

Compare and place the signs >,<,= accordingly.

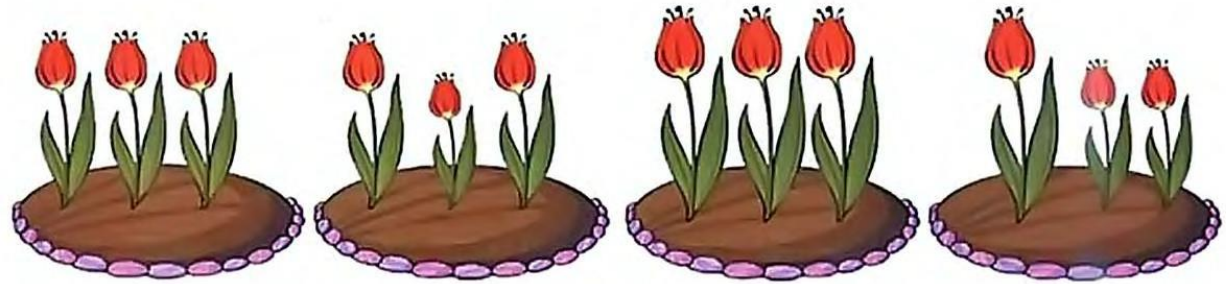
1 ☐ 10	6 ☐ 9	8 ☐ 2	7 ☐ 7
10 ☐ 0	10 ☐ 9	5 ☐ 3	0 ☐ 10

Problem 8

Which flower was planted **last**?



In each flower bed, identify which flower grew **taller** than the others?

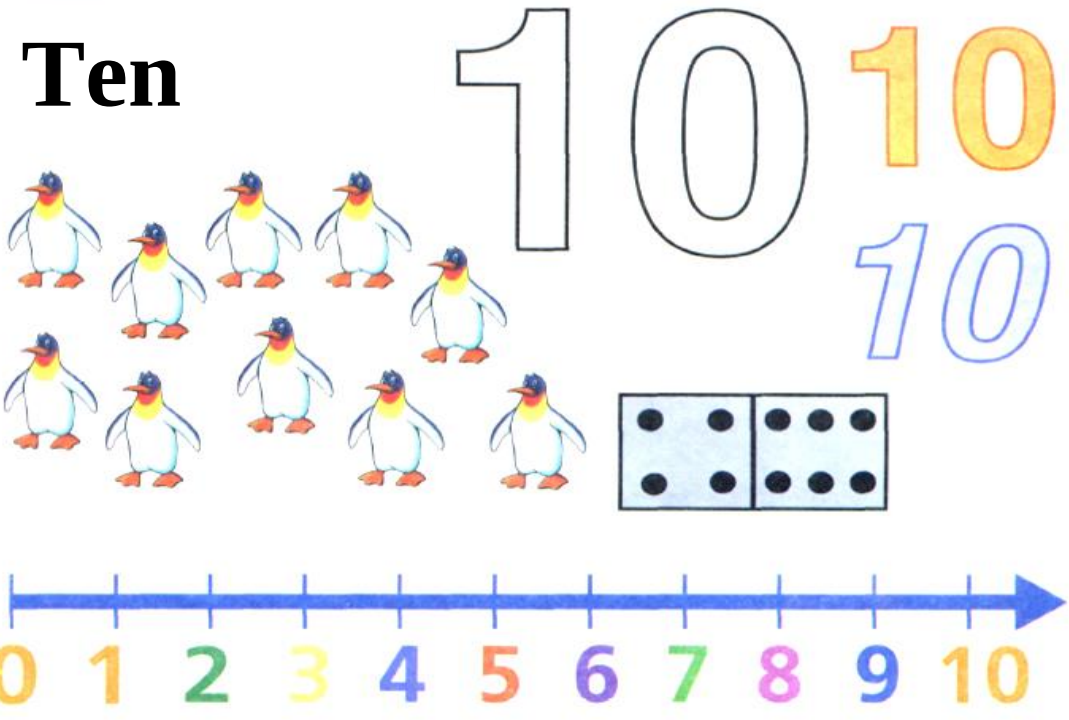


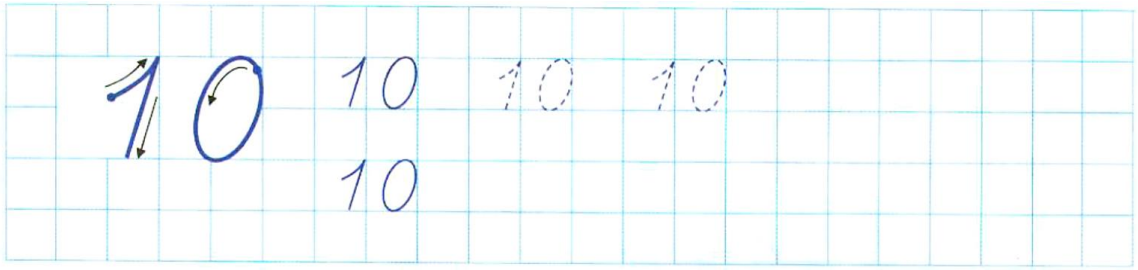
In each flower bed, find the flower that grew **shorter** than the others.

Classwork 27

Problem 1

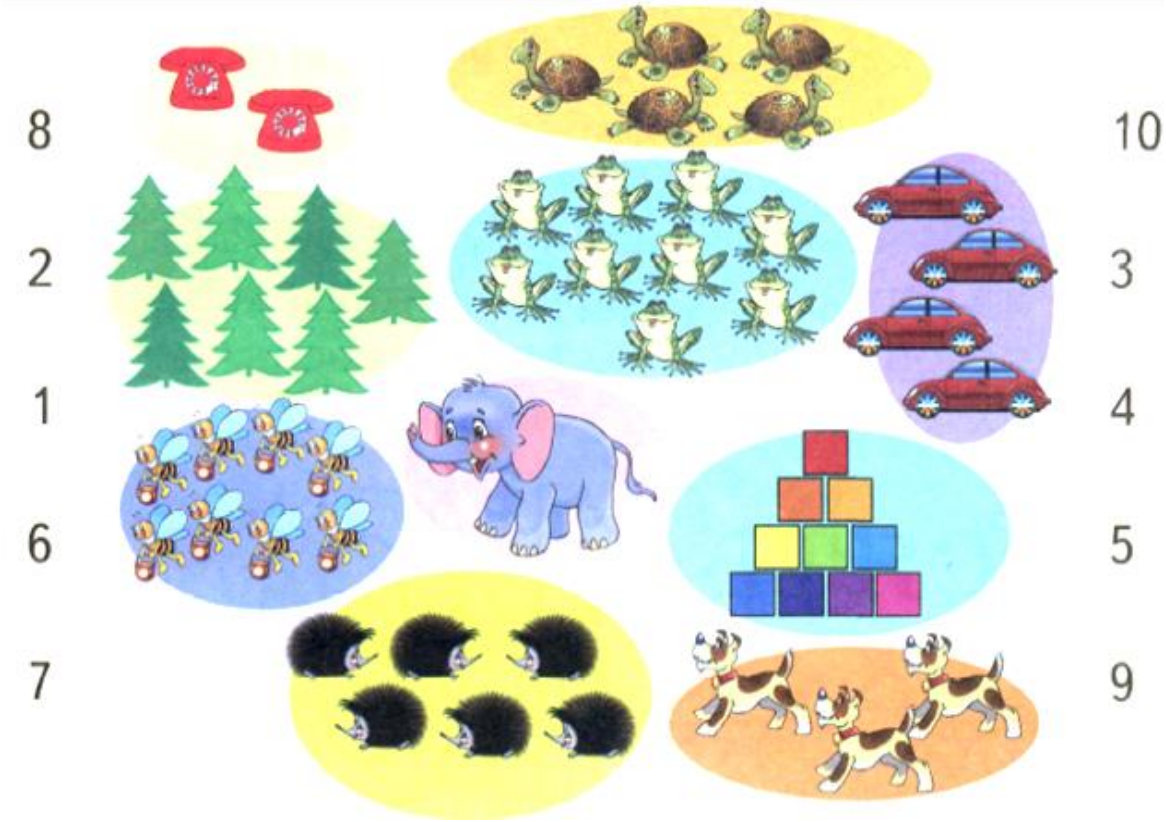
Count from 0 to 10.
Increase 5 by 2. Increase 3 by 2.
What number comes after 7; after 3; after 9?
What number comes before 10; before 5; before 6?
What number is in between 1 and 3; in between 4 and 6, in between 9 and11?
Name the number that is greater than 6 by 2.
Name the number that is less than 9 by 2.





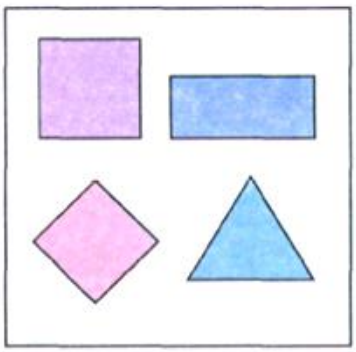
Problem 2

Count and remember all the numbers that you already know. Use an arrow to connect set of objects with the matching number.



Problem 3

What object doesn't belong in each picture. Circle it and explain your answer.



Problem 4

Solve the problems using the number line.

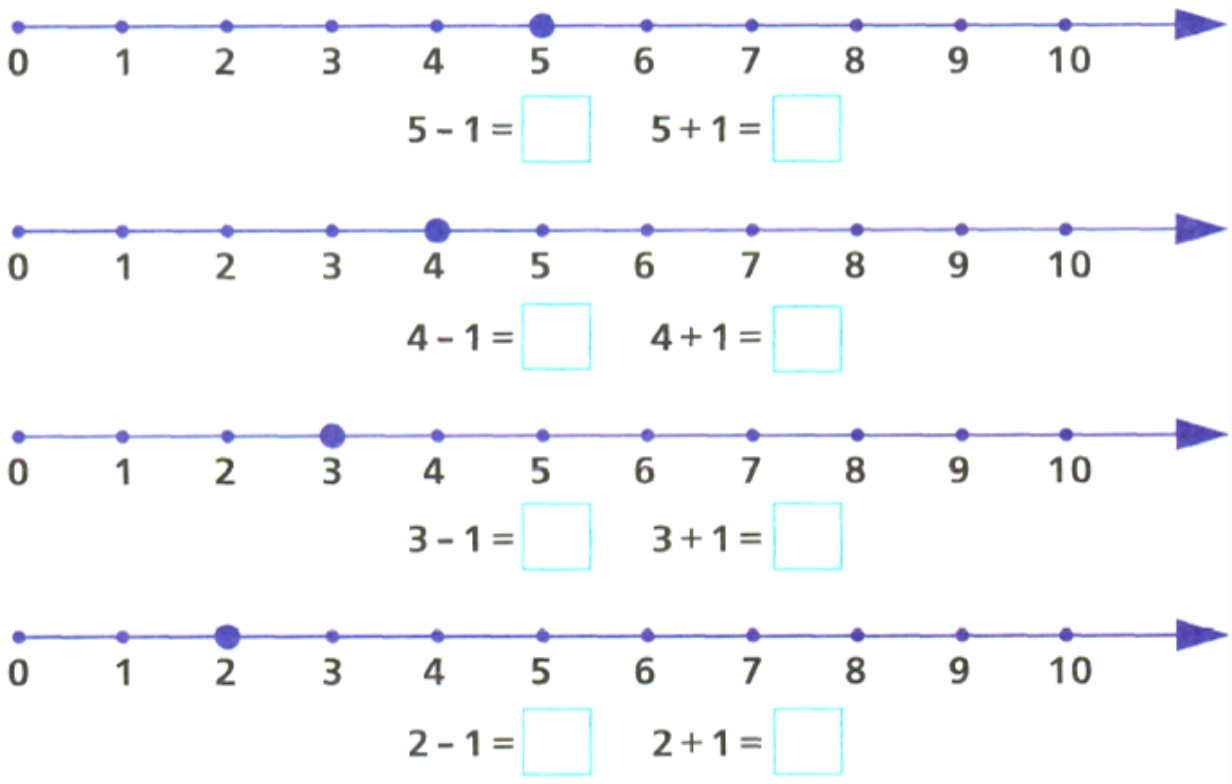


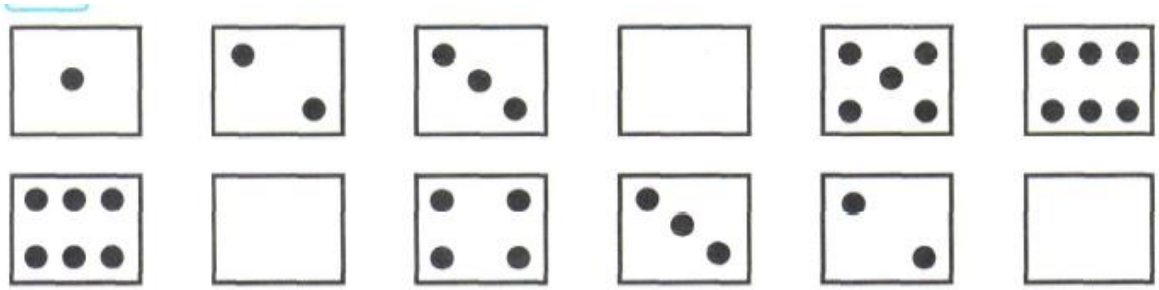
Figure out which number is missing in the empty box. Fill it in.

1		3
2	3	1
3	1	2

***(Look at how the numbers are positioned in the columns and the lines. Which numbers repeat?)

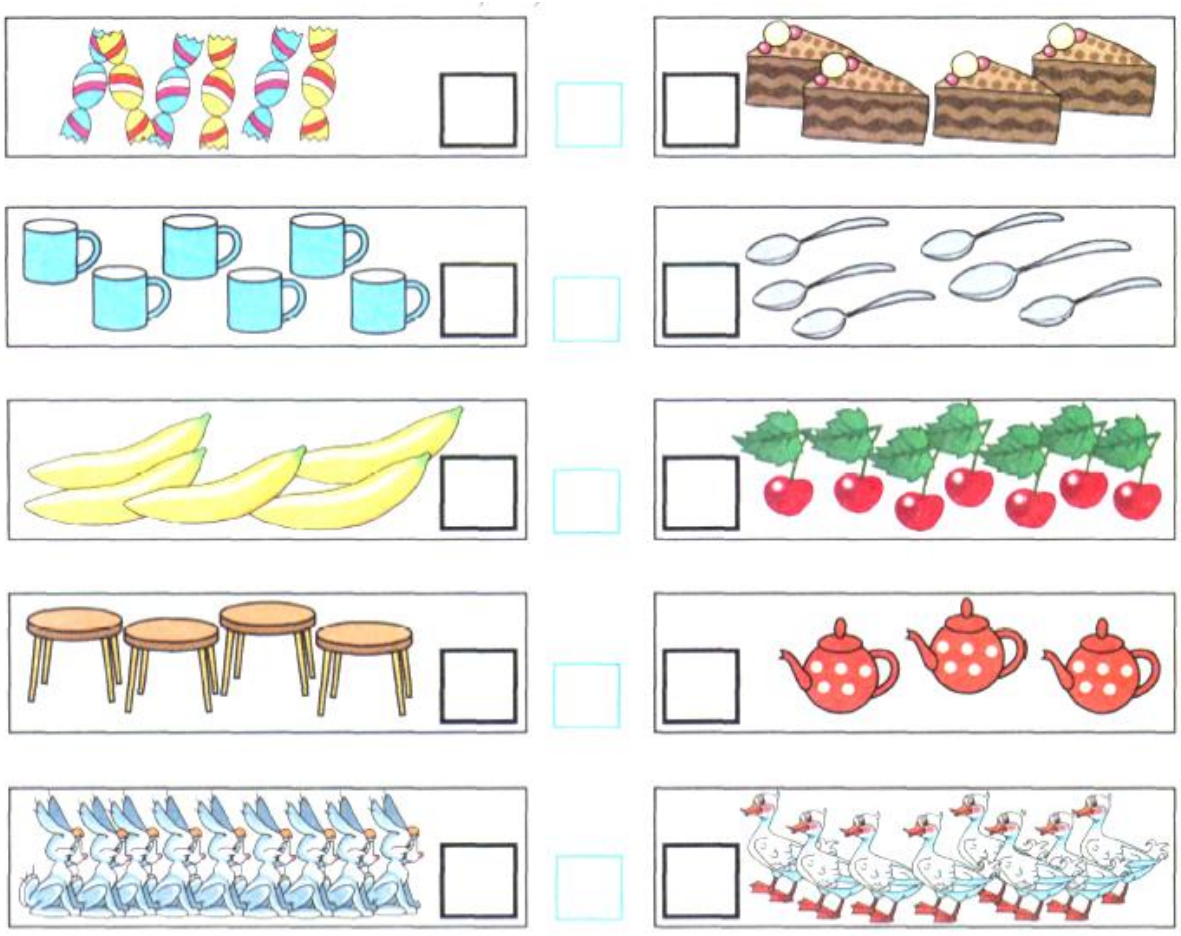
Problem 5

Find missing part and finish the pattern.



Problem 6

Count the number of objects in each set, and fill in the matching number in the empty boxes. Compare the sets and place the signs**: >,<,=** accordingly.



Problem 7

Addition problems

Examine the picture

Listen to what problem can be made based on the picture:
«Tanya cut out **2** maple leaves and **1** oak leaf. How many leaves did Tanya cut out in total? »
The problem consists of **four** parts

1. **Problem**: Tanya cut out 2 maple leaves and 1 oak leaf. (*This is what we already know*.)

2. **Question:** How many leaves did Tanya cut out in total? (*This is what we need to find or solve.)*

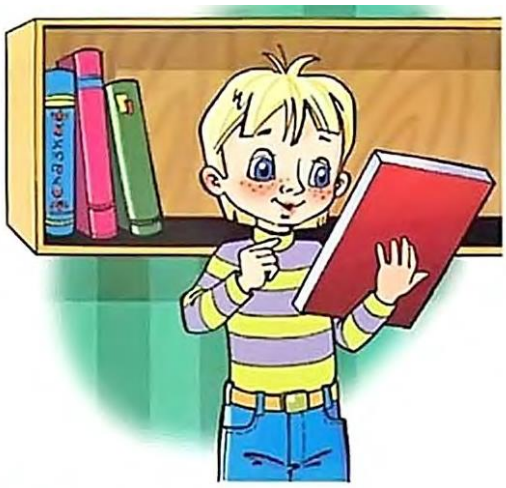
3. **Solution:** : | 2 | + | 1 | = | 3 |

4. **Answer:** Tanya cut out **3** leaves.

Make up your own addition problems☺

Subtraction Problems.

Examine the picture.



Listen to what problem can be made based on the picture:
«There were **4** books on the shelf. Anthony took **1** book. How many books are left on the shelf? »

The problem consists of **4 parts**.

1. **Problem**: There were 4 books on the shelf. Anthony took 1 book. (*This is what we already know.)*

2. **Question**: How many books are left on the shelf? (*This is what we need to find or solve.)*

3. **Solution**:

4	–	*1*	=	*3*

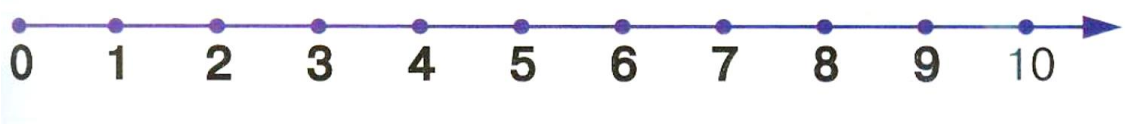
4. **Answer**: 3 books are left on the shelf.

Make up your own subtraction problems☺

Classwork 28

Problem 1

Count from 0 to 10. Count from 2 to 10 and backward.
Increase 5 by 2. Increase 3 by 2.
What number comes after 7; after 4; after 8?
What number comes before 9; before 5; before 6?
What number is in between 1 and 3; in between 6 and 8, in between 9 and11?
Name the number that is greater than 6 by 2.
Name the number that is less than 9 by 2.

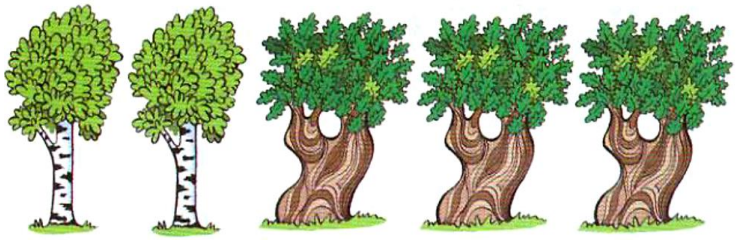


Solve the problems using the number line or rule.

$9 + 1 =$ ☐ $7 + 3 =$ ☐ $10 - 0 =$ ☐ $5 + 5 =$ ☐

$10 - 3 =$ ☐ $6 + 4 =$ ☐ $10 + 0 =$ ☐ $10 - 5 =$ ☐

Problem 2 Make up math problems by using pictures. Solve them.



☐ ☐ ☐ = ☐

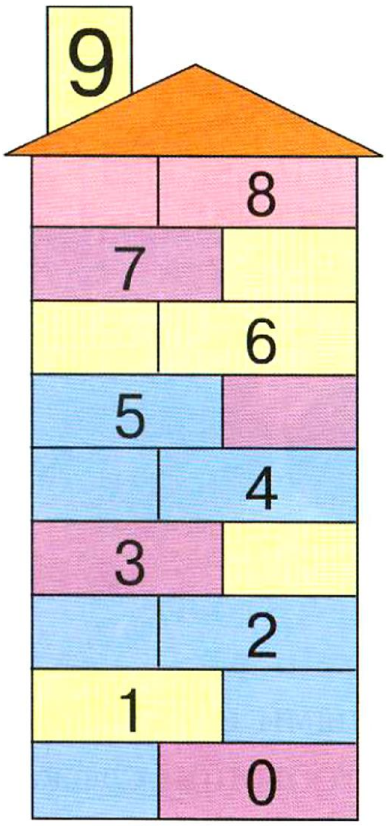
Answer: ☐ trees.

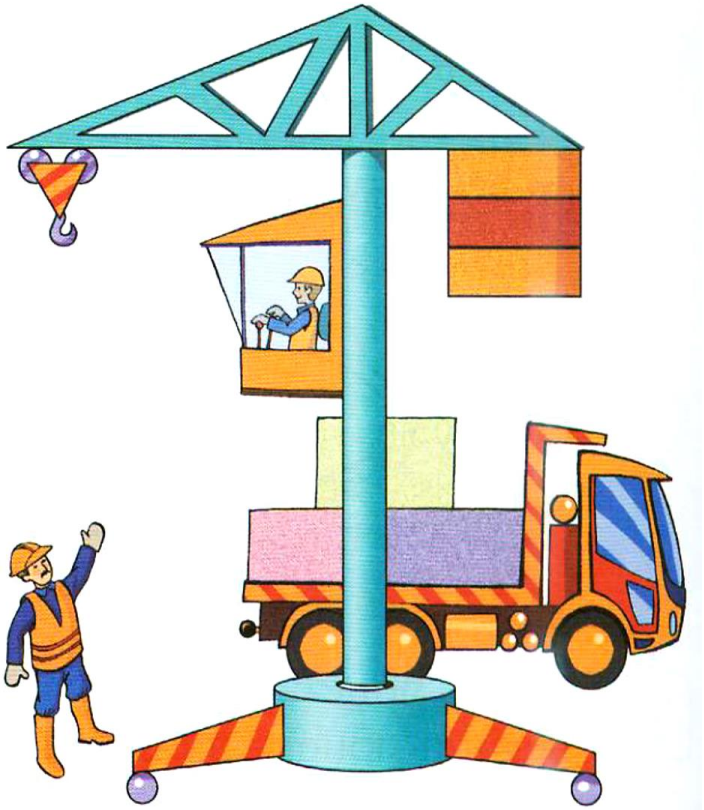
☐ ☐ ☐ = ☐

Answer: ☐ Gnomes.

Problem 3

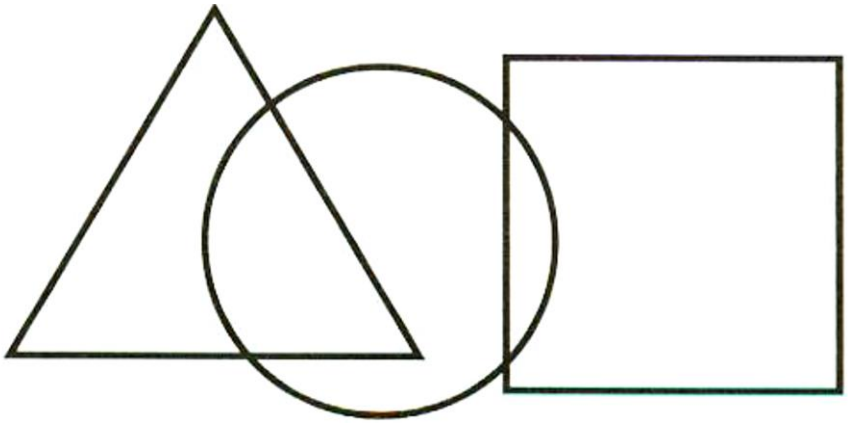
Make each floor to get number **9**



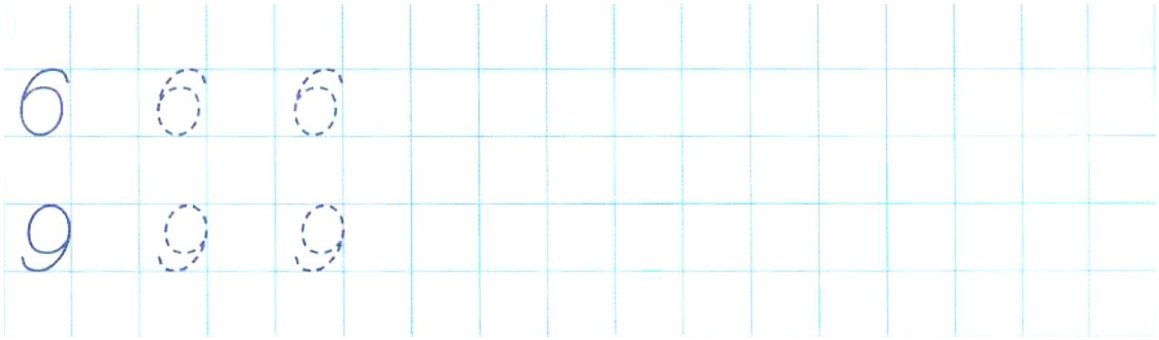


Problem 4

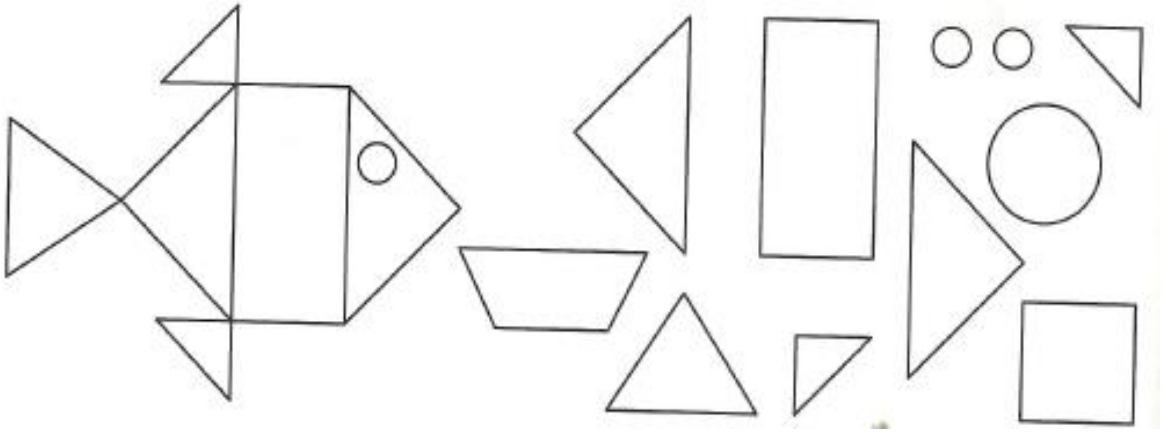
Color the circle in a way so it will be on top of the triangle and square.



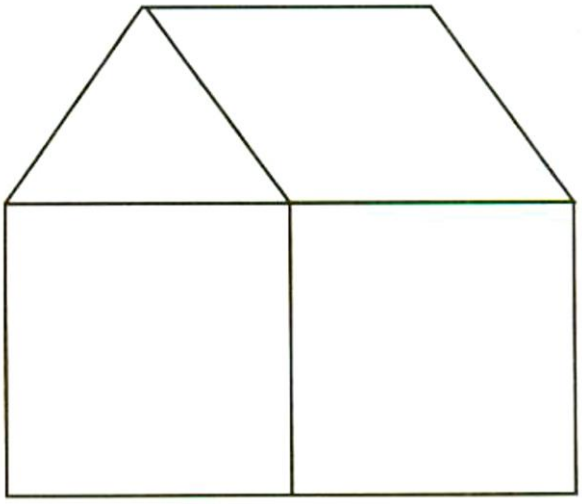
Problem 5 Practice to write numbers 6 and 9.



Problem 6 Name the shapes. Color the shapes that were used to build fish.



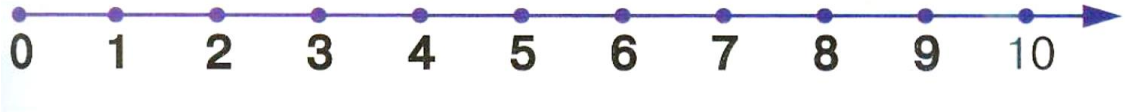
Move 1 stick so the house will “look” to the different direction. Draw.



Classwork 29

Problem 1

Count from 0 to 10. Count from 3 to 10 and backward.
Increase 5 by 3. Increase 3 by 4.
What number comes after 7; after 4; after 10?
What number comes before 8; before 4; before 6?
What number is in between 2 and 5; in between 8 and 10, in between 9 and11?
Name the number that is greater than 6 by 3.
Name the number that is less than 9 by 3.



Solve the problems using the number line or rule.

$3 + 4 =$ ☐ $5 + 3 =$ ☐ $7 - 5 =$ ☐ $6 + 4 =$ ☐

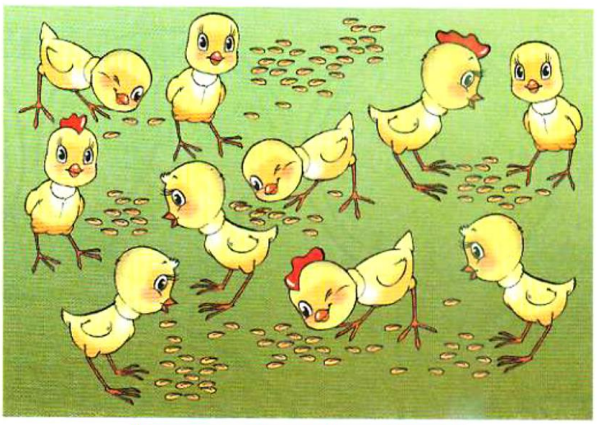
$8 - 2 =$ ☐ $10 - 4 =$ ☐ $3 + 4 =$ ☐ $10 - 6 =$ ☐

Problem 2

Make up math problems by using pictures. Solve them.

☐ ☐ ☐ = ☐

Answer: ☐ Ornaments.



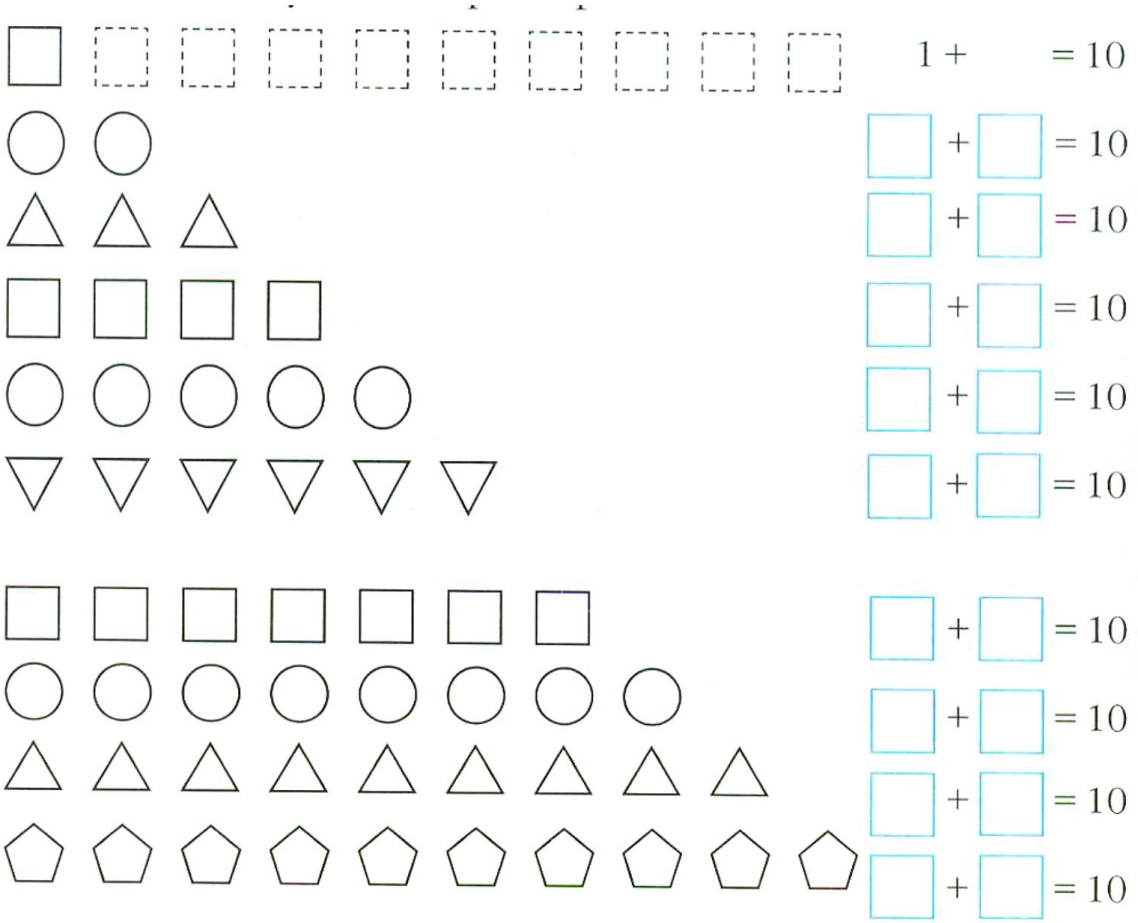
☐ ☐ ☐ = ☐

Answer: ☐ Chicks.

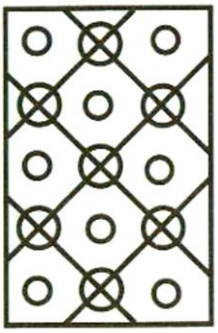
Problem 3 Circle numbers in pair to get **8** in total.

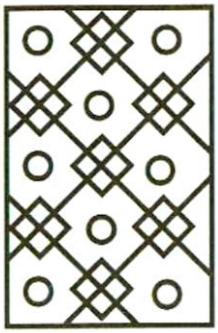
		8			8		
2	6	3	5	0	6	4	4
0	4	4	8	5	2	6	3
1	7	8	0	0	8	7	2

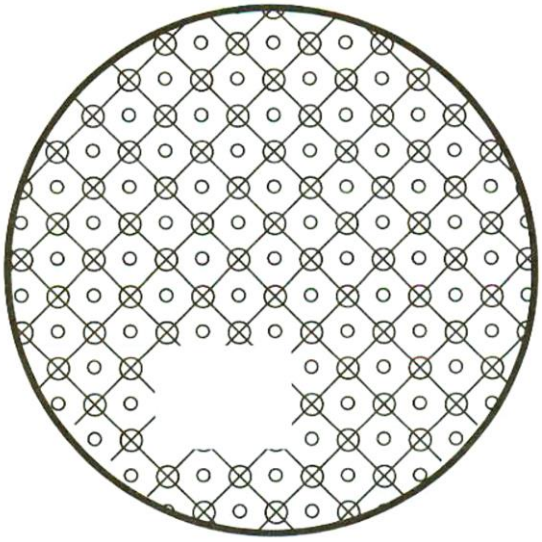
Problem 4 Add shapes to each row to add up to **10** shapes total. Record the number sentences for each row of shapes. Name all the shapes.

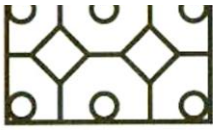


Problem 5 Help to patch the rug - find the right pattern.



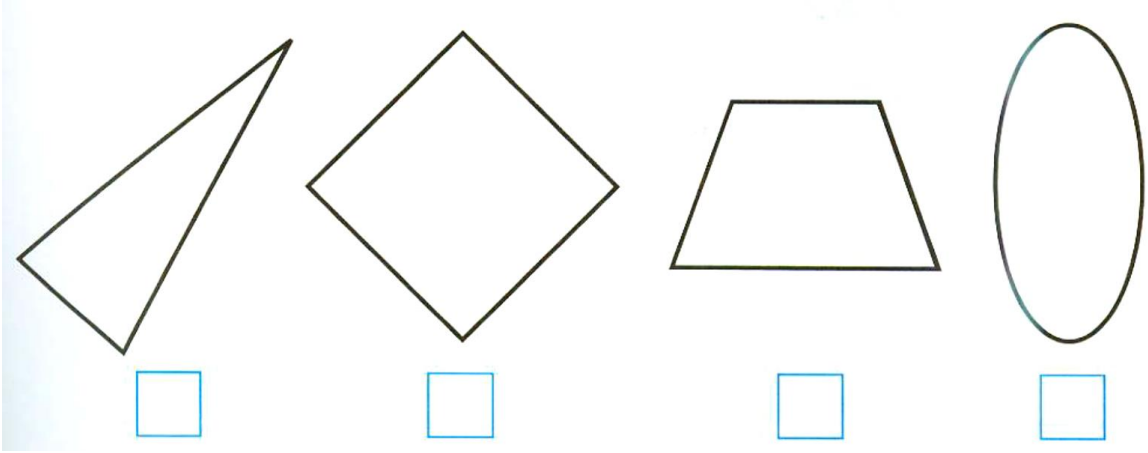




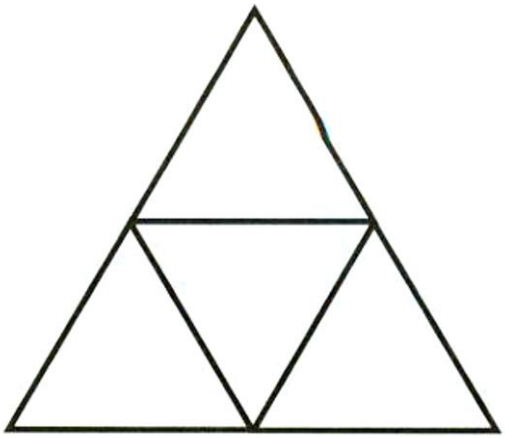


Problem 6
Graphic dictation. (Adult reads directions.)
Dot is a starting point.
1 square to the right. 1 square down.1 square to the right. 1 square down.
1 square to the left.
square to the left. 1
1 square down. 1 square up.
1 square to the left. 1 square up. 1 square to the right. 1 square up.

Problem 7 Name the shapes. Count all the angles of these shapes. Record your answer in the boxes below.



Count how many triangles are there in this picture.
Color in each triangle in a different color. Record your answer in the empty box below-.



Move only 1 stick in such way that a house will “face” different direction. Draw that stick to show your answer.