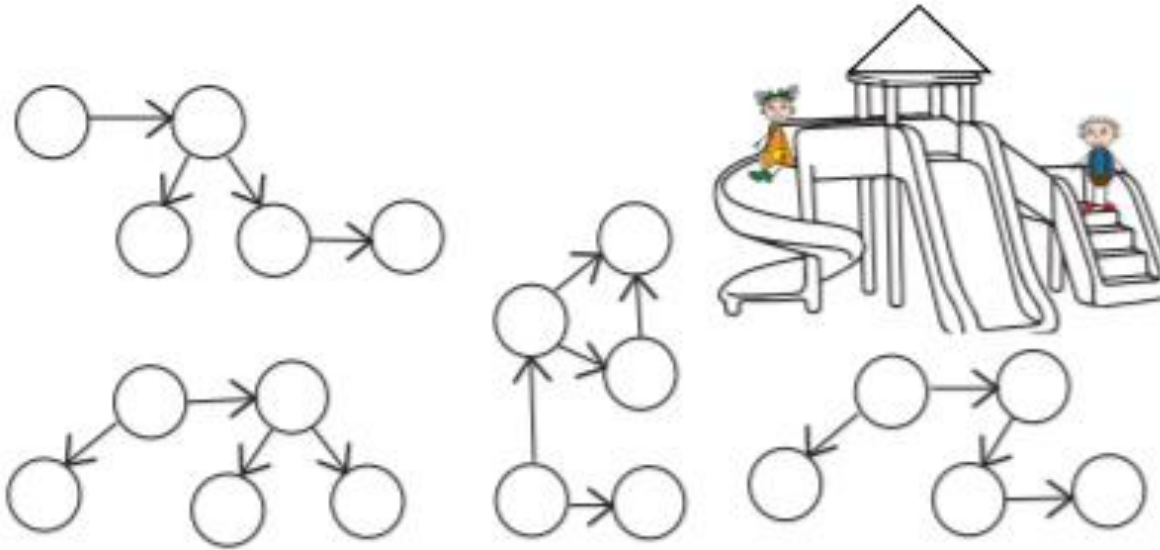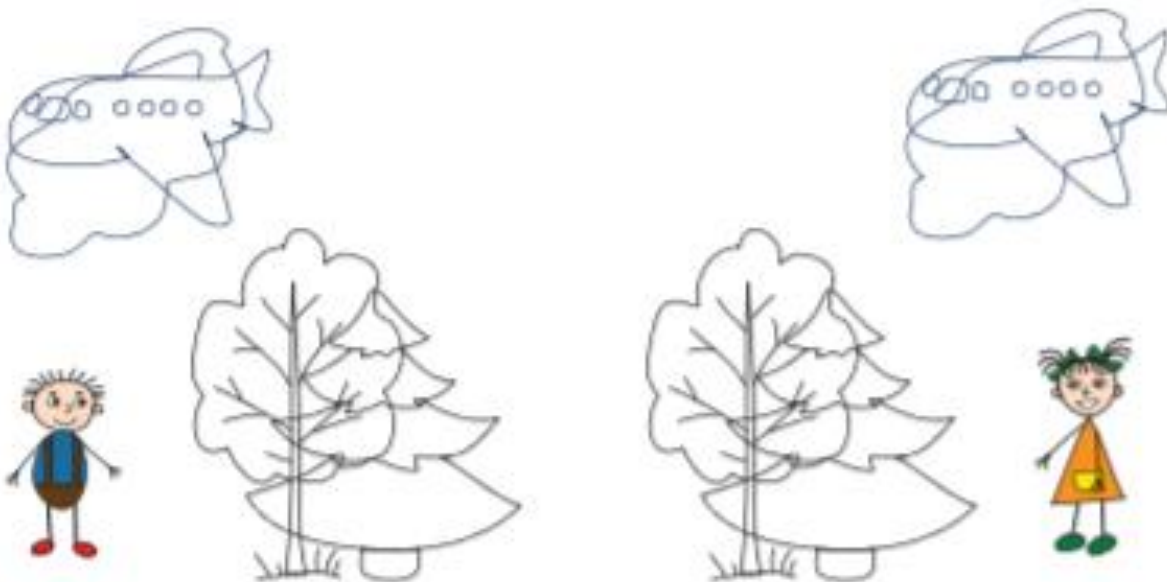Billy and Greta went to the playground to have fun on the slides. Can you figure out how they were sliding and fill in the correct numbers, if they only can slide from greater to smaller number? Use numbers 10, 7, 4, 3, 1 for each "slide" Notice direction of arrows.
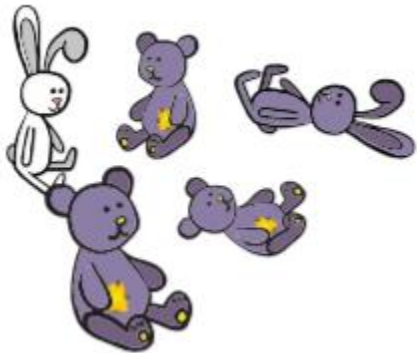

Greta and Billy looked around and noticed a plane in the sky. - Look! The red plane is behind the blue cloud, - said Billy. - And the green pine tree is in front of the yellow oak tree. - No, it is the opposite! - disagreed Greta. - The blue cloud is behind the red plane. And the yellow oak tree is in front of the green pine tree Color the pictures according to what they have said.

After the playground kids came home to play. During the game they decided to organize their toys. Greta brought a box for toys with two sections: B for bears and R for rabbits. - Oh, I know! - exclaimed Greta, - We can play math while organizing toys. I'll be telling you something, and you need to write it as a math expression with letters. I'll give you an example: "I have B bears and R rabbits, how many T toys I have? - Hmmm, - said Billy, - you mean I need to write

B + R = T? - Yes! - gladly agreed Greta,

- That is exactly what I mean. Write the correct expression under each sentence.

I have T toys, and gave you B bears, how many rabbits I have left?

I have R rabbits and B bears, how many toys I have in total?

Okay, it is my turn now, - said Billy bringing his box for toys

. - Let us split toys differently - by color!

- Nice idea, - agreed Greta.

- I will place letters in the left boxes, and will fill in missing numbers in the right I have T toys, and gave you B bears, how many rabbits I have left?

I put W white toys, and P purple toys in the box. How many toys there now?

1	+		=	5

I have T toys in the box. You took P toys from the box. How many toys are still there?

		-		=	

- Hey, Greta, - suddenly asked Billy, - can you guess how many blocks I'm hiding if I'll tell you how many blocks I have in total? - Let us try, - agreed Greta. Fill in the missing blocks and explain how you guessed the number.
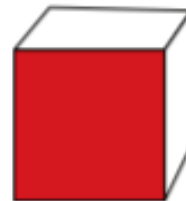
6 here in total

_____

8 here in total

_____

7 here in total

_____

Greta looked at the block and noticed that it has same color on opposite sides and is colored in blue, red, and green. - Hmm, - said Greta, - I think I can give you a nice puzzle to solve. Can you color the rest of the blocks, if the second block stands on the red side and third block is placed on green side?

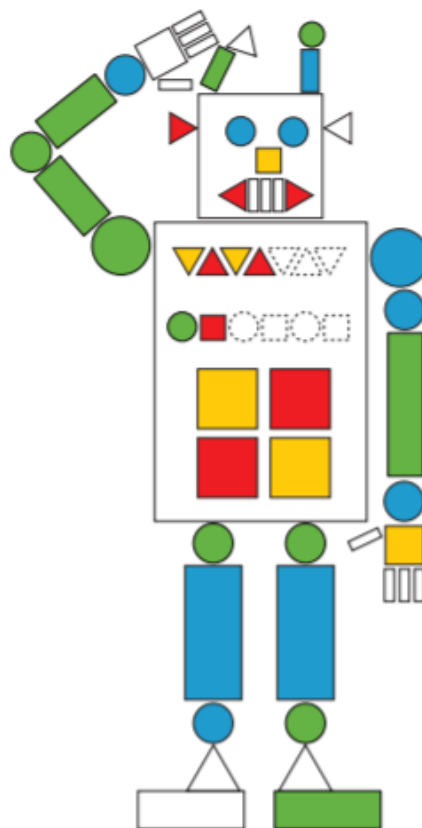Fill out the empty boxes to make it true:

☐ < 9   ☐ > 12   7 = ☐   ☐ < 4

Next, Billy and Greta started building the robot.

Oh-oh! Looks like some light indicators on the robot's body are broken. **Finish two patterns** on his body **(trace and color dotted shapes),** and **after that** count how many blocks of each type were used?

Write math expressions for the following questions and solve them:

1) Billy and Greta used white, yellow, and red squares. How many squares in total they used?

2) There are white, green, and blue rectangles. How many rectangles in total were used?

3) Were there more green or blue circles? Compare the numbers using < or > sign.

4) How many colored triangles Billy and Greta used?

5) How many more colored triangles than white?

6) How many more colored rectangles than white? Example: "How many more colored squares than white?"

Answer: "4 + 5 - 2 = 7"

1)

2)

3)

4)

5)

6)