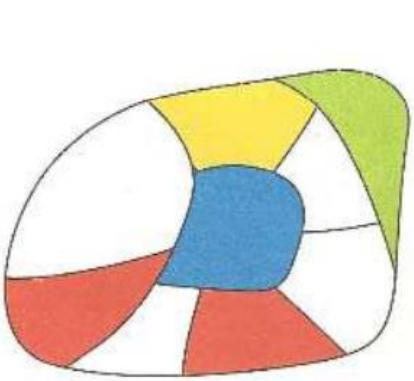
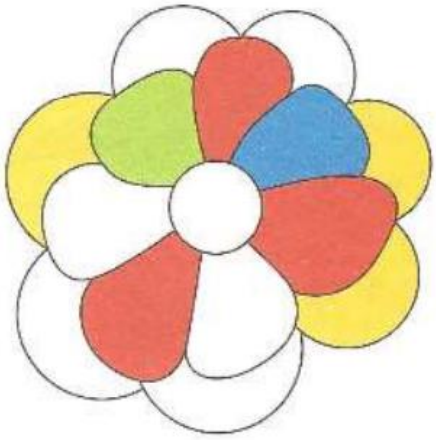
Math 0 Due 05.09.21

Homework

HAPPY MOTHER'S DAY!

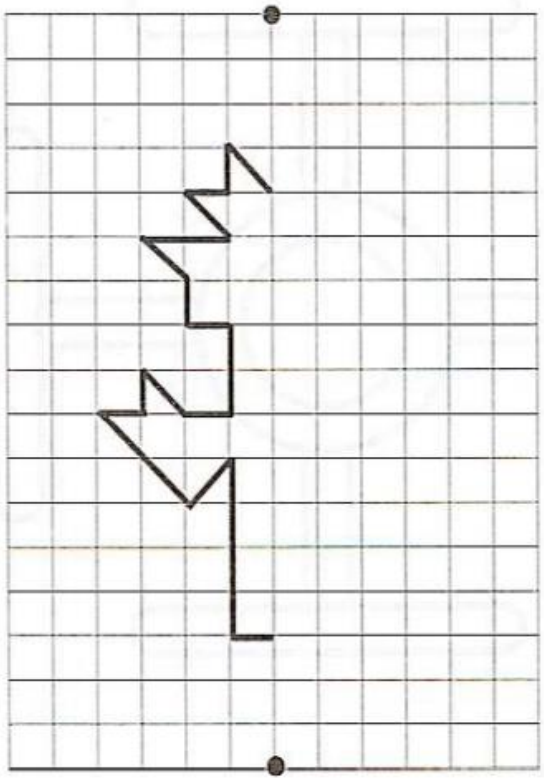
Problem 1. Using only the colors that you see in the pictures, color the neighboring areas. Make sure the neighboring areas are not colored in the same color.



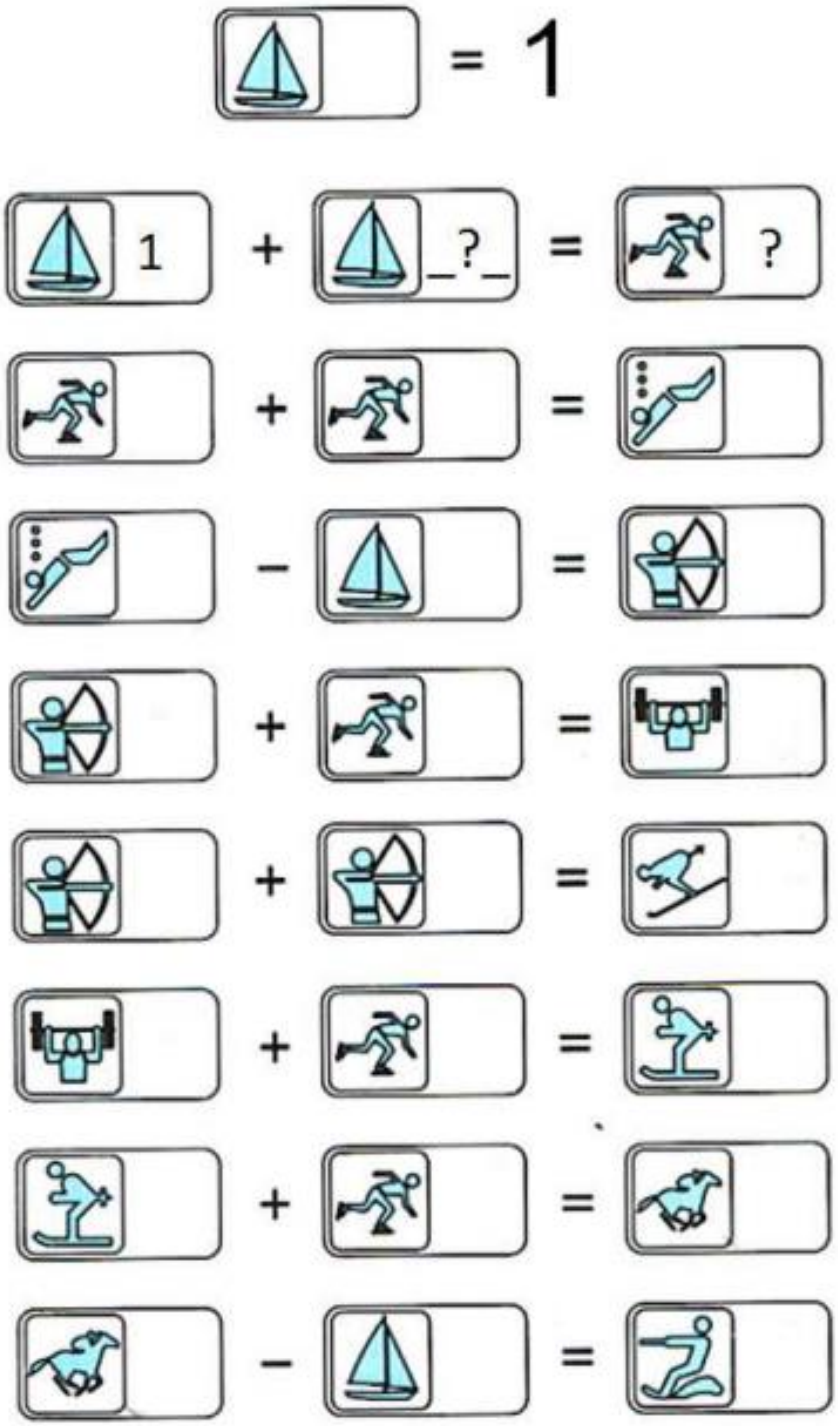


Problem 2. (last class my flower did not work. Lets try a symmetry practice with new flower for mom!)

This is a flower, but the artist didn't finish drawing it. Please help complete the drawing. Remember, that at first, you need to connect two dots to see the magic symmetry line that splits this object into two equal half's.

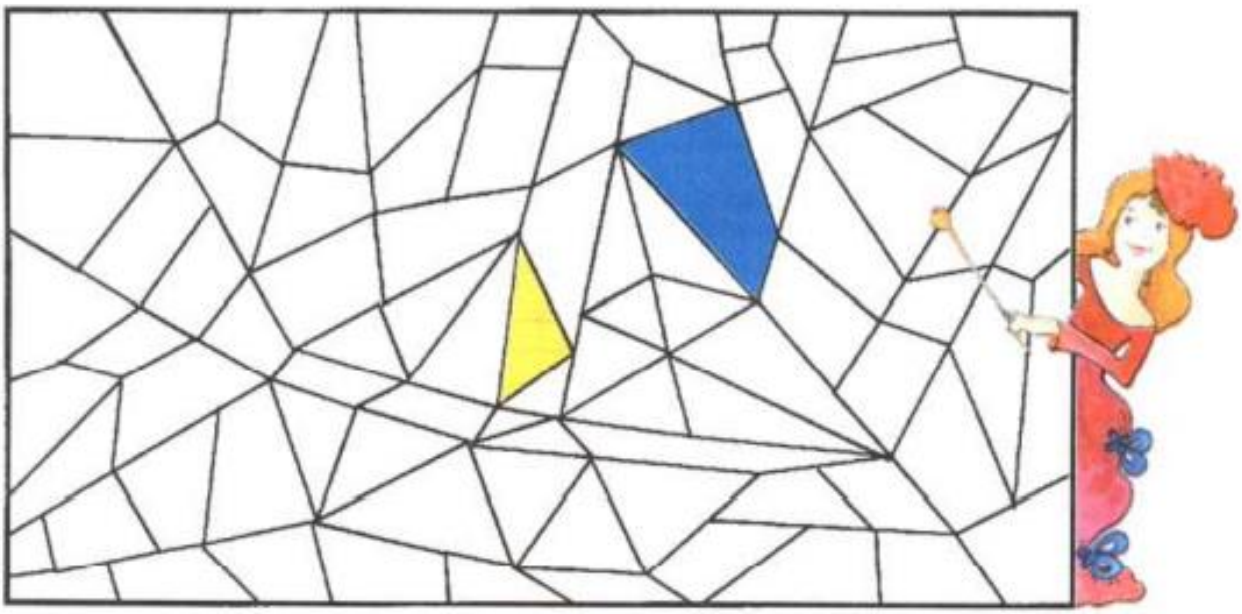


Problem 3. Our family is very athletic, said Greta! Can you figure out what activities are our favorite? Every sign below has a number value from 1 to 9. Can you figure out what number each sign represents? Solve**. (OPTIONAL: for the next class):** What are your family favorite activities? Draw a picture to create a math problem similar to this with simple addition/subtraction within 10.



Problem 4.

There is a magic kingdom that we will travel, and you are invited there. But first, to walk through pavers, color in all triangles- yellow and all quadrilaterals - blue. (Quadrilaterals - 4 sides shape: quad means four, and lateral means side).



Triangular Fairy Tale.

Once upon a time there was a King named Triangular who lived in his Triangular Kingdom.

He was very old and very ill. He was trying to find a cure for his disease, but he could not find any doctors nearby who could save his life. The only hope for cure was to find a doctor from far away. However, that doctor could not get to Triangular Kingdom as he lived too far. He could treat the King Triangular on the distance using mail. He asked King to write him a letter and send him a triangular map of his Kingdom. The King was so weak that he could not hold a pencil in his hand and could not draw. Please help King Triangular to draw his Triangular Kingdom.

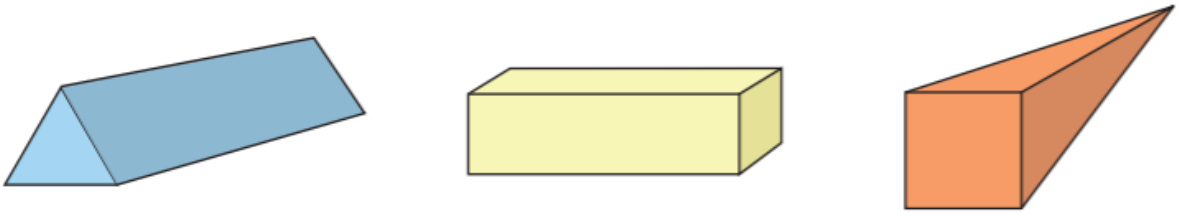
Please remember that everything in his Triangular Kingdom must be made of triangles.

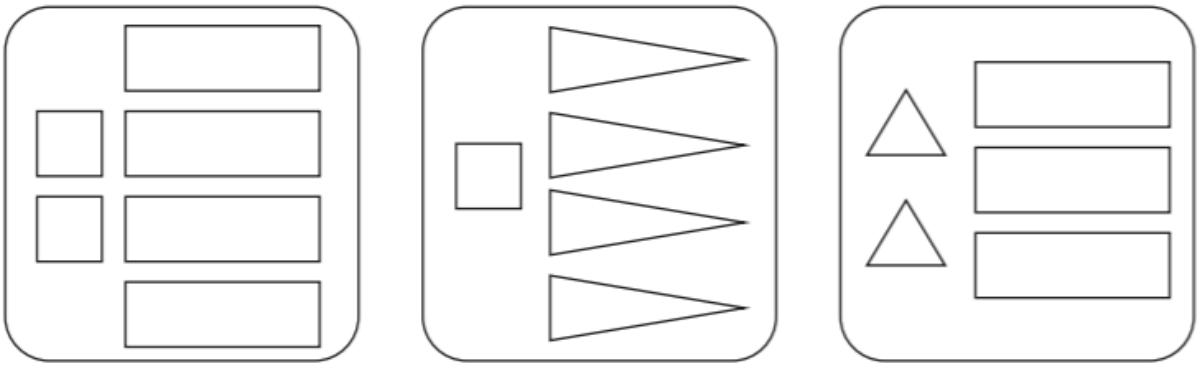
Bring your triangular maps of the Triangular Kingdom to next class.

(You should use ruler to draw triangles)

Problem 5.

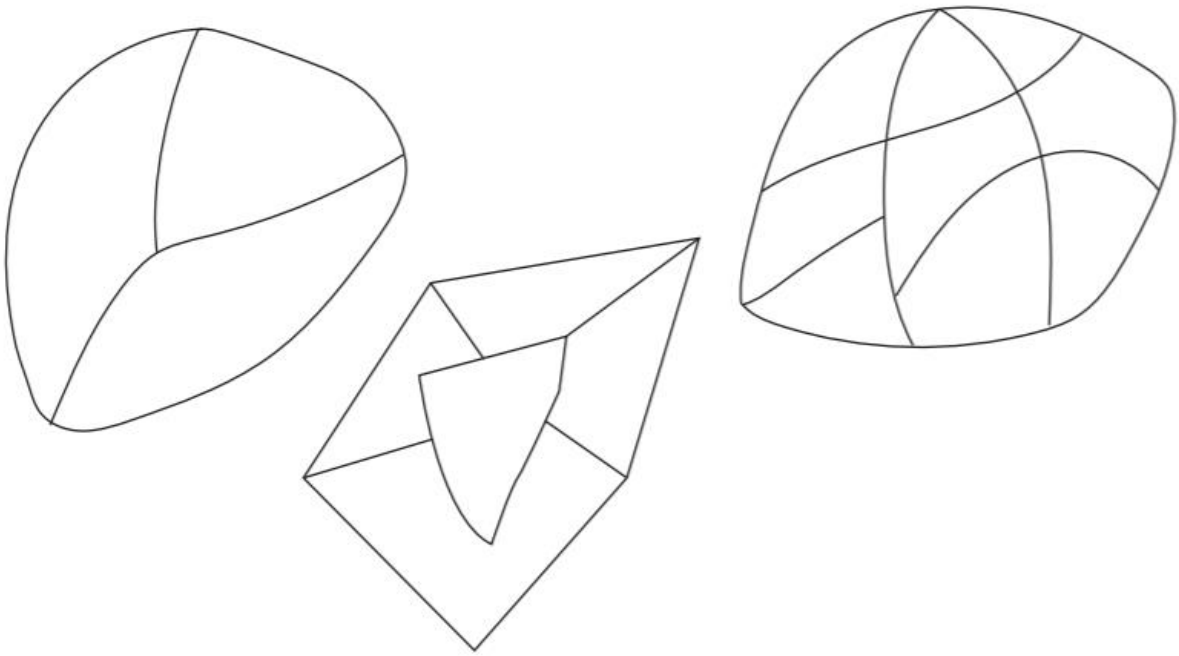
Find the 3D shapes projections and connect them to the corresponding shape



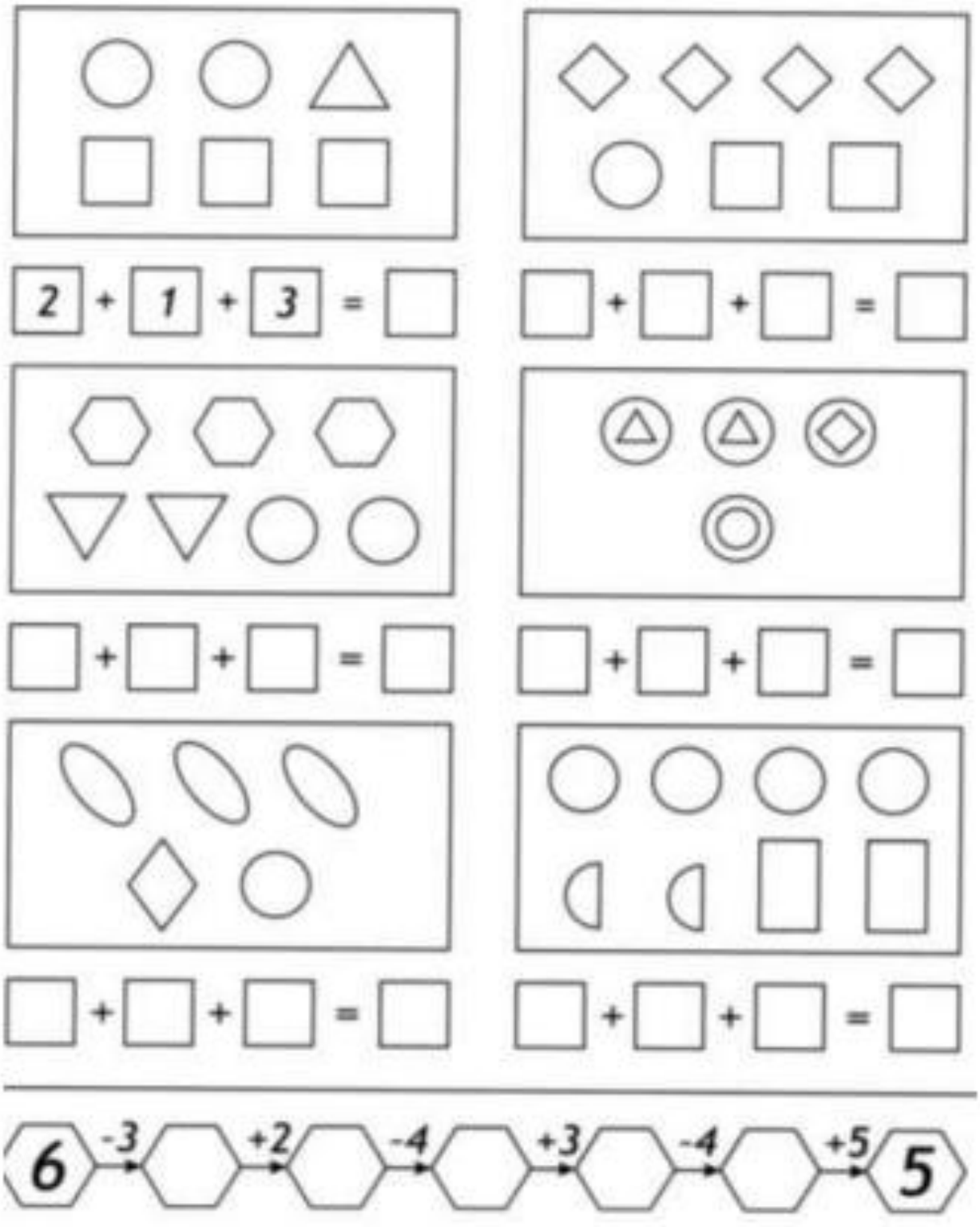


Problem 6.

Using only 3 colors, color the neighboring areas. Make sure the neighboring areas are not colored in the same color.



Problem 7. Create number sentences based on the pictures. Solve them.

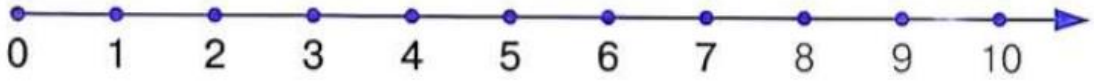


Problem 8.

Solve.

$9 - 1 - 3 + 2 = \square$
$8 - 4 + 3 - 6 = \square$
$7 + 1 - 2 - 6 = \square$

$5 + 0 - 3 + 4 = \square$
$4 + 5 - 6 + 1 = \square$
$9 - 0 - 7 + 2 = \square$



Problem 9