## Homework 2

## Problem 1

Draw the new shapes according to the rules:
a) Change only the color. b) Change only the shape.


Continue the pattern.


## Problem 2

Please continue the pattern using the same colors.

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |

## Problem 3

Solve the problems by adding and subtracting $\mathbf{1}$ to the number on the trains. Write your answers on the wagons.


Problem 4 Watch each single step on the number line as you do addition and subtraction operations. Fill out the blank boxes.

$$
5-\square=\square
$$



$$
1+4=\square
$$



$$
2+\square=\square
$$



Add or subtract using the number lines.

$$
\begin{aligned}
& 2+2=\square \quad 5+1=\square \quad 3-2=\square \quad 4-2=\square \\
& 3+3=\square \quad 4+2=\square \quad 2+3=\square \quad 6-1=\square
\end{aligned}
$$

## Problem 5

Using a yellow pencil, color in all of the fish that are swimming to the right, count them, and record that number with the same color pencil. Using a green pencil, color in the fish that are swimming to the left and record that number in green. Compare which colors of the fish there are more or less of.


## Problem 6 Draw the objects smaller and bigger according to the pattern.



## Problem 7

Color in the beads, but keep in mind that both boys have to have the same set of identical beads.


## Problem 8

Geometry. Study Circles. Notice that circles don't have angles! Notice different sizes. Think of what resembles the shape of a circle. Trace and color all circles.


