

## Homework 17.

**Problem 1.** Count the number of shapes in each box and compare. Draw shapes in the last two boxes according to the numbers below. Compare.

$>, <, =$

4  $<$  6       $\square$   $\square$   $\square$       2  $\square$  6

**Problem 2.** Solve the problems. Draw your answers in the empty boxes. Then create your own problem and solve.

a)  $\begin{array}{|c|c|c|} \hline \triangle & \triangle & \triangle \\ \hline \end{array} + \begin{array}{|c|c|c|} \hline \bullet & \bullet & \bullet \\ \hline \end{array} = \begin{array}{|c|c|c|c|c|c|} \hline & & & & & \\ \hline \end{array}$

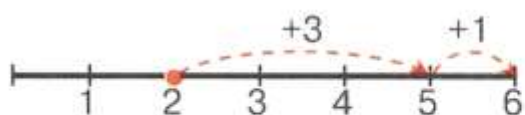
$\square + \square = \square$

b)  $\begin{array}{|c|c|c|c|c|c|} \hline \star & \star & \star & \star & \triangle & \triangle \\ \hline \end{array} - \begin{array}{|c|c|c|c|} \hline \star & \star & \star & \star \\ \hline \end{array} = \begin{array}{|c|c|c|c|c|c|} \hline & & & & & \\ \hline \end{array}$

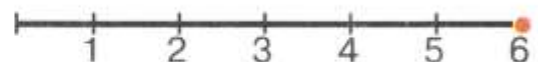
$\square - \square = \square$

c)  $\begin{array}{|c|c|c|c|c|c|} \hline & & & & & \\ \hline \end{array} + \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array} = \begin{array}{|c|c|c|c|c|c|} \hline & & & & & \\ \hline \end{array}$

$5 + 1 = \square$

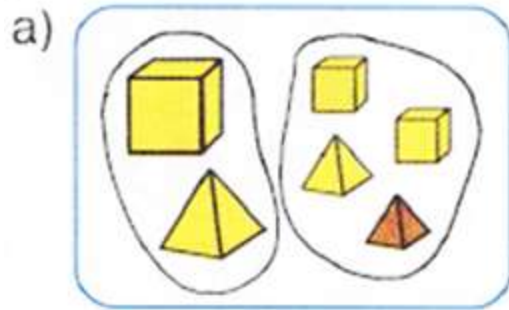


$2 + 3 + 1 = \square$



$6 - 3 - 2 = \square$

**Problem 3** The figures (F) were grouped according to their properties (size, color, and shape). Finish adding and subtracting according to the grouping rules.



$$B + S = F$$

$$2 + 4 = 6$$

$$\square + \square = \square$$

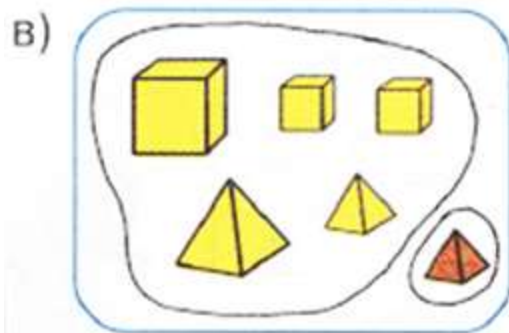
$$\square + \square = \square$$

$$F - B = \square$$

$$6 - 2 = \square$$

$$\square - S = \square$$

$$\square - \square = \square$$

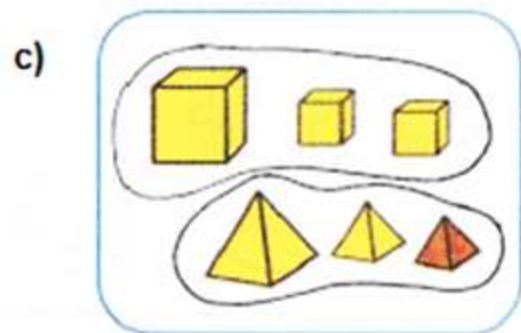


$$5 + 1 = \square$$

$$\square - \square = \square$$

$$\square + \square = F$$








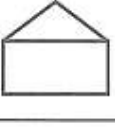


$$F - \square = \square$$



$$3 + \square = \square$$

$$\square - \square = \square$$

**Problem 4.** Complete the table.  
Color in all of the trees green  
and houses red.

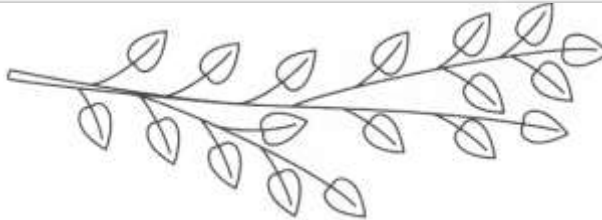
			
	 		
			
			 

**Problem 5.** Take out 2 leaves from each branch and write the number sentence in the boxes above each branch.

$$\square \square \square = \square$$



$$\square \square \square = \square$$



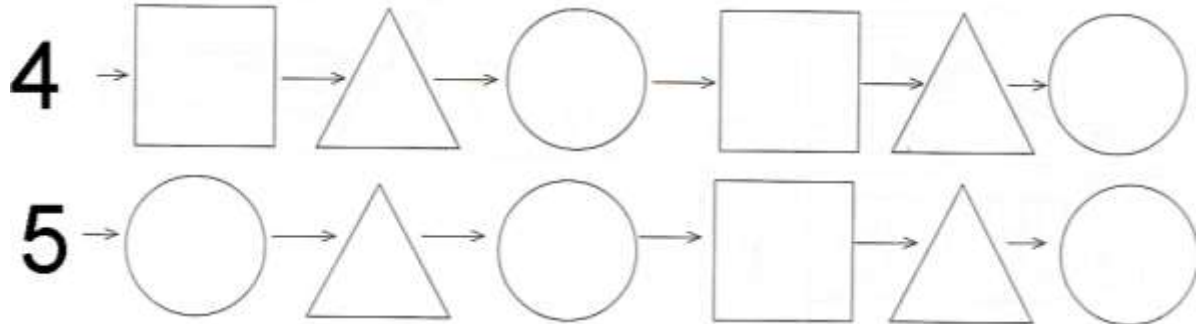
Write numbers in a “one” order fill out empty boxes.

1	3								19
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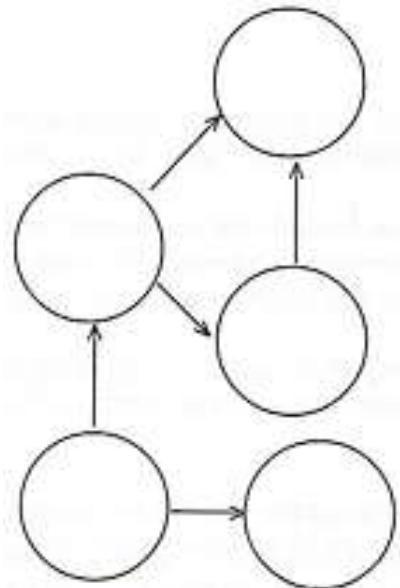
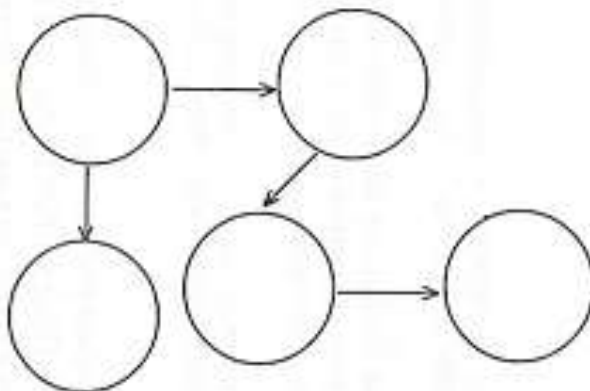
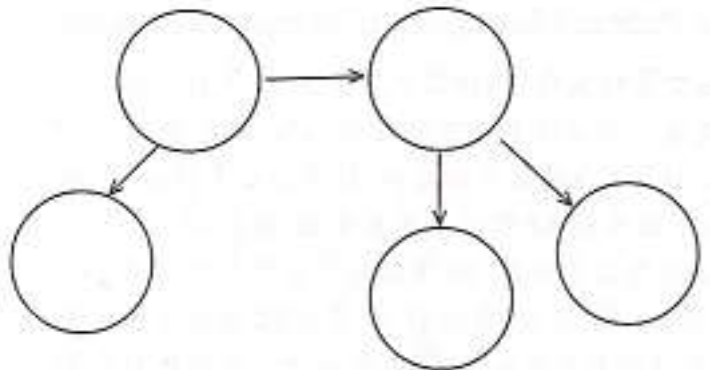
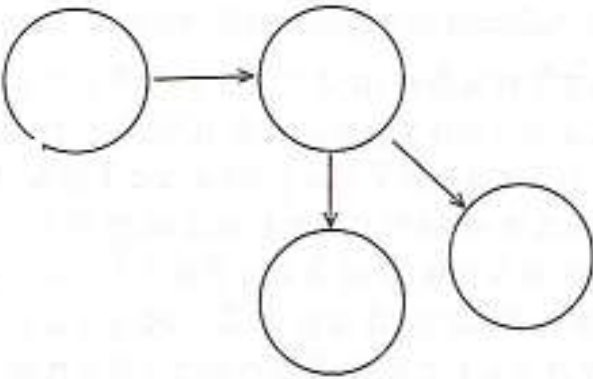
2	4								20
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**Problem 6.** Let's play a "Number Beads Sequence" Game, where the rule for today is:

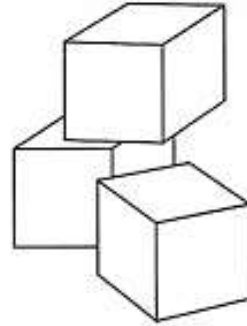
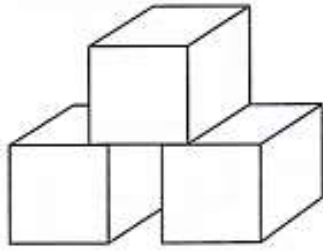
- if the number gets inside the square, its value increases by 4;
- if the number gets inside the triangle, its value decreases by 2;
- if the number gets inside the circle it stays the same



**Problem 7.** All the circles need to be filled with numbers. You may use the same number as long as you follow the rule: the arrow goes from the LARGER to the smaller number.



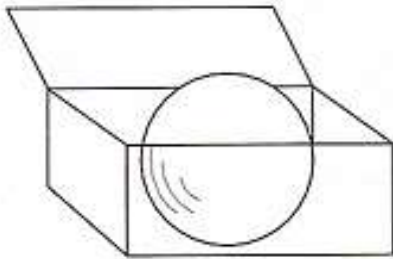
**Problem 8.** Color the cubes in a way so that it will be the red cube below the green cube and the yellow cube will be to the right of the green cube.



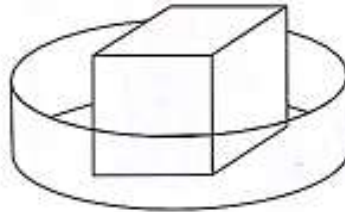
Color in the pictures if:

- The red ball is in a box and the box is yellow inside and blue from the outside.
- The red cube is in the box and the box is blue from the inside and yellow from the outside.

a)



б)



A box is blue from the outside and red from the inside.

