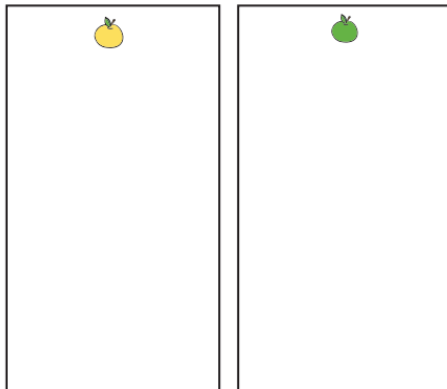
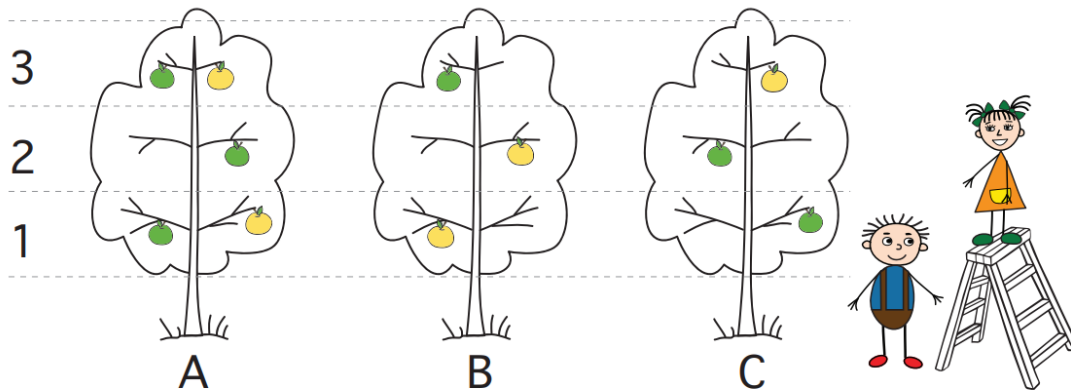


Homework#17

Greta and Billy are picking up apples. Can you make a list for them where they can find their favorite apples? Greta loves yellow apples and Billy's favorite are green. Remember, you need to tell them which tree first and the branch number after it.



- Who will get more apples, Billy or Greta?

- Which tree has the smallest number of yellow apples?

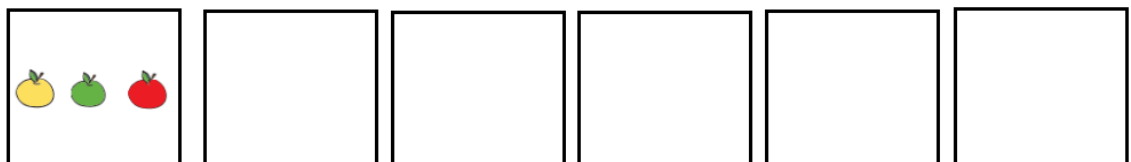
- Which tree has the smallest number of green apples?

- Which tree has more apples than other trees?

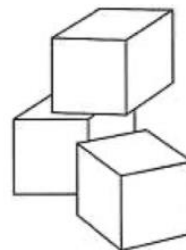
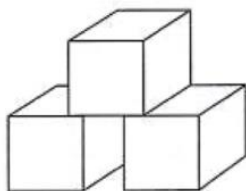
Compare number of apples on the trees with $<$, $>$, $=$

A B B C C A

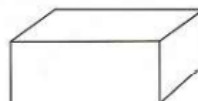
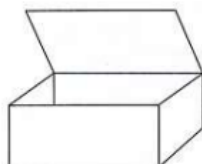
-Great job, kids,- said Farmer. -My favorite apples are red. Help me to pack apples in the boxes in such way that each box has 3 apples of different color arranged in a different order.



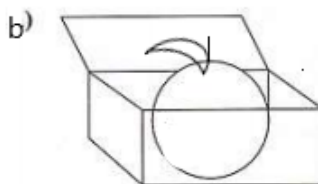
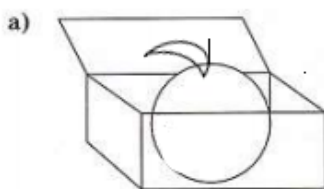
-Good job, kids, -said the farmer. -
 These boxes we will send to other kids
 and I would like them to be painted.
 Can you help me to pain the boxes in a
 way so that it will be the red box
 below the green box, and the yellow
 box to the right of the green box.



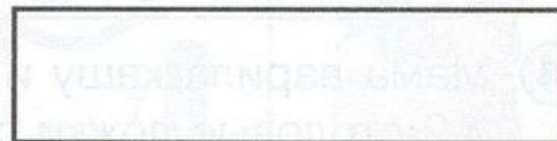
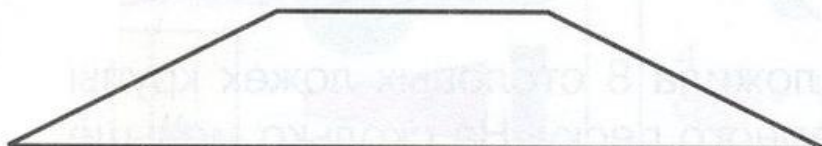
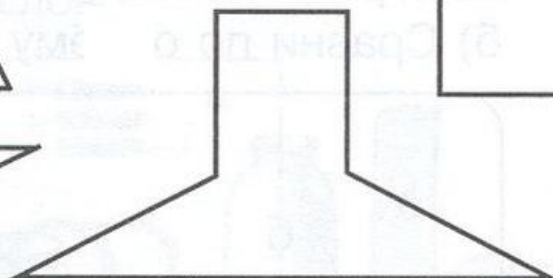
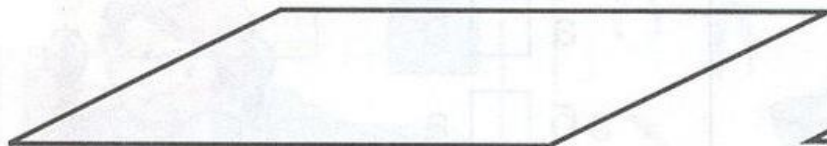
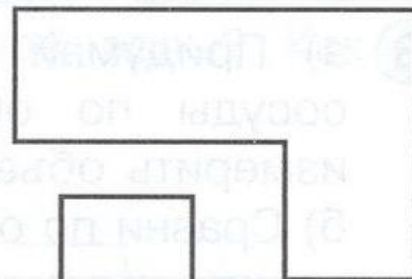
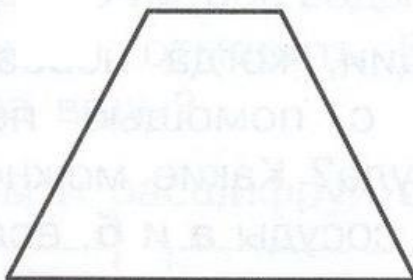
These boxes are blue from the outside
 and red from the inside



- a) The red apple is placed in the box that is yellow inside and green outside
- b) The yellow apple is in the box that is blue from the inside and red from the outside



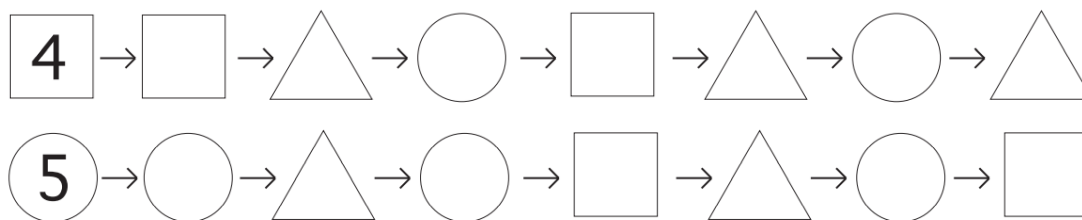
-Kids, I have fun covers for our boxes. All we need is to arrange the shapes together and
 we will get a beautiful complete square. Cut out, color and glue – create square covers



After that Billy and Greta decided to draw a hopscotch with even numbers on one side and odd on another side. Help them finish this hopscotch.

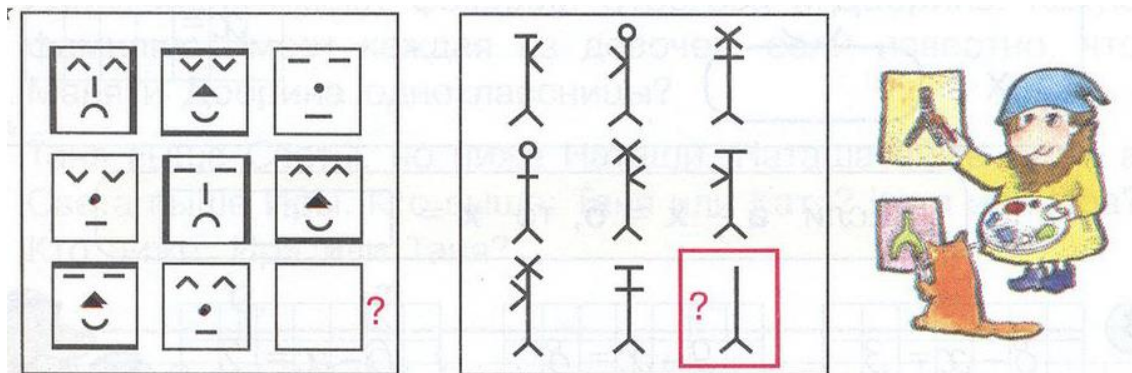
1	3								19
2	4								20

- This hopscotch is too simple, - complained Greta, - let's make it more fun!
- How? - was curious Billy.
- If we jump inside a square - we add 5, if we jump inside the triangle - the value decreases by 2, and finally - if we land in a circle - the value stays the same, - explained Greta.
- Sounds like a lot of fun, let's try, - agreed Billy.



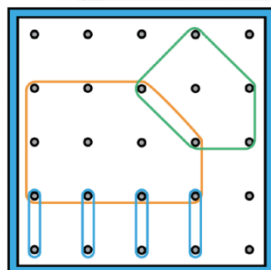
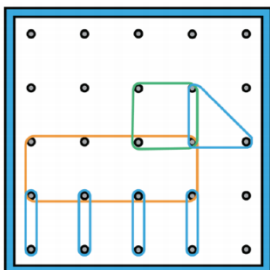
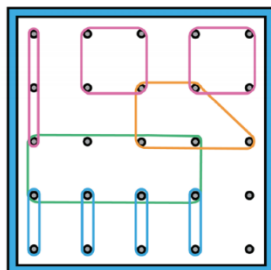
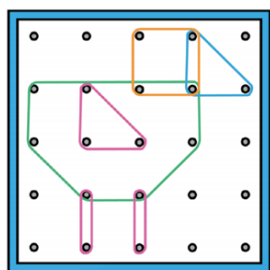
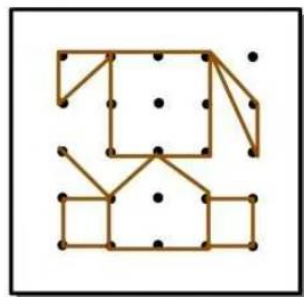
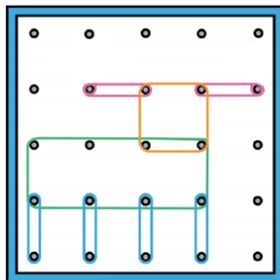
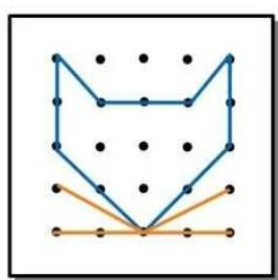
-Greta look, said Billy, I see a cat who is painting something
Billy, you are silly, cats do not know how to draw. Let us come closer and look

-Kitty, this is how you draw. Now finish it yourself, said the artist. I am done!
-Meow, meow, cat asked you to help him finish the pictures





-Let me show you my farm animals, kids, said the proud farmer
 -What farm animals do you know? Can you create animals on your Geoboard?



- Would you like to see my horses? asked the farmer

$$\text{Horse} + \text{Horse} = 20$$

$$\text{Horse} + \text{Horn} = 18$$

$$\text{Horn} - \text{Boot} = 2$$

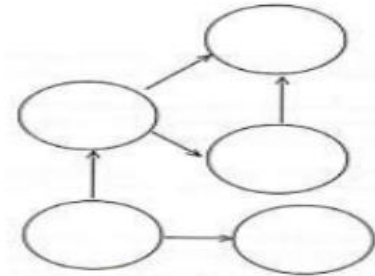
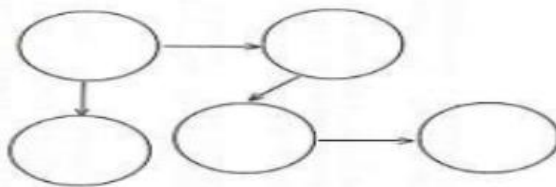
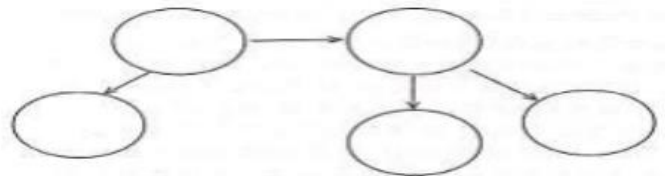
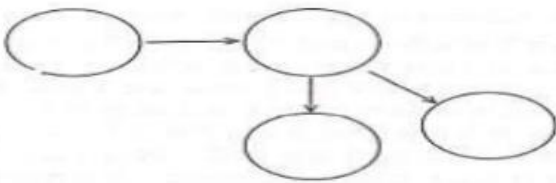
$$\text{Boot} + \text{Horse} = ?$$

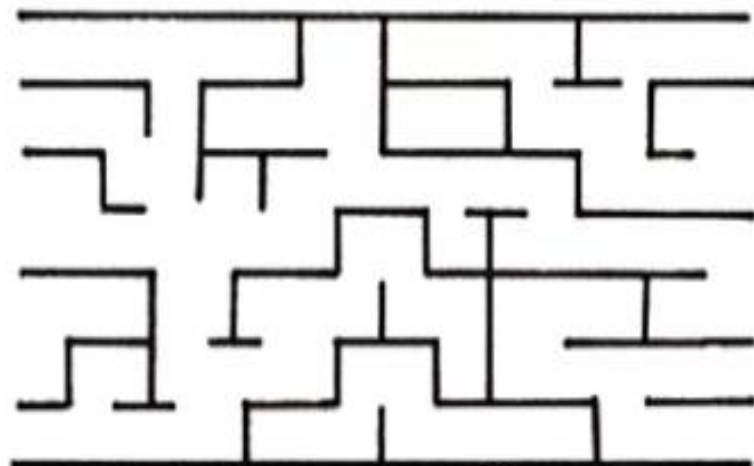
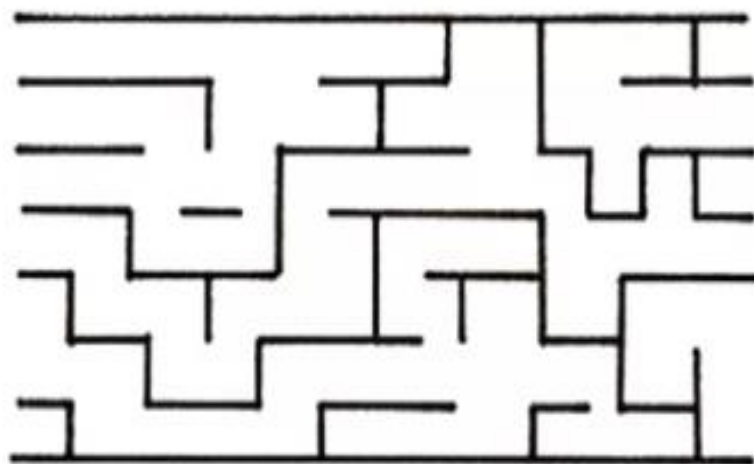
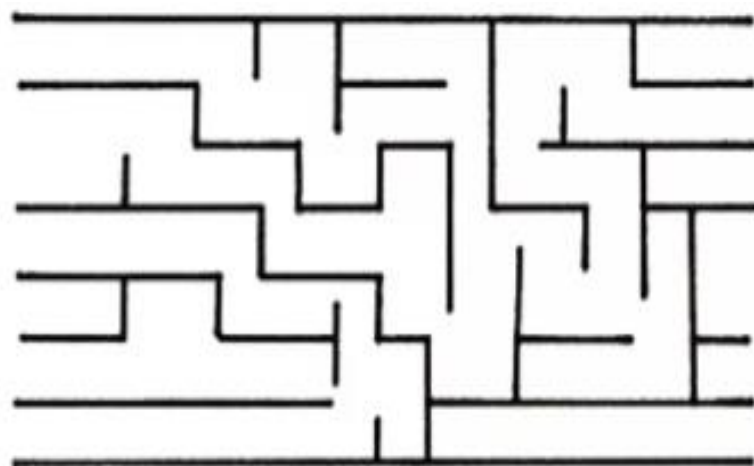
-Horses like fruits as a treat. Help me to feed them. Solve

$$\begin{aligned} \text{Apple} &= 7 \\ \text{Grapes} &= 5 + \text{Apple} \\ \text{Apple} &= 1 + \text{Banana} \\ \text{Apple} + \text{Grapes} + \text{Banana} &= ? \end{aligned}$$



Let's collect some eggs. All the eggs 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.





Cut, fold and glue all the 3D shapes, make them nice and sturdy, we will use them in the class.

