



XXIII OLYMPIAD for ELEMENTARY SCHOOL

February 10, 2019

Grade 1.

Read the problem and the question VERY carefully.

You can solve the problems in ANY order. Write your answers on the answer sheet.

Problem 1. Replace the letters with the digits, so that all equal signs are correct.

The same letters should be the same digits. Different letters should be different digits.

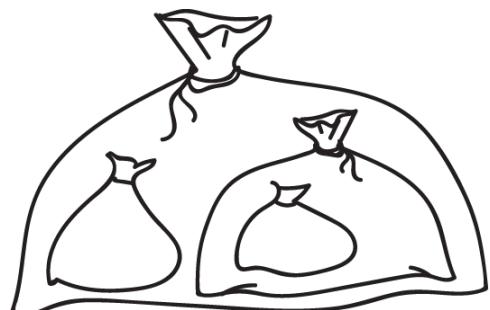
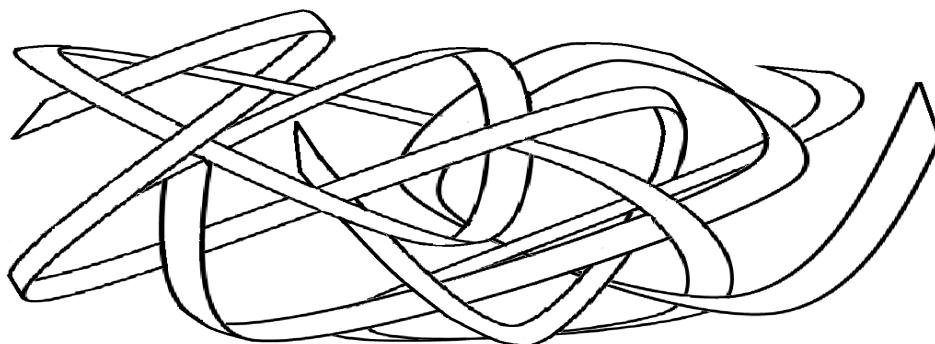
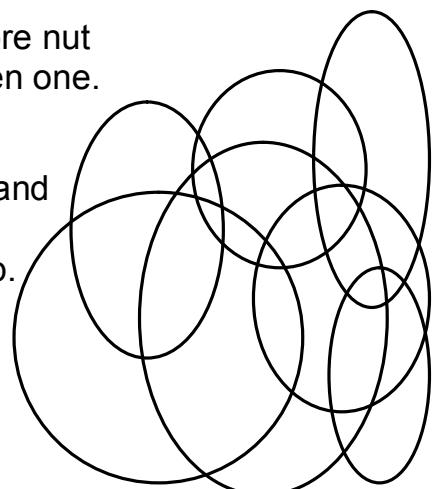
$$P - O = B - E = D - I = T + E = L + I$$

Problem 2. Three parrots have 9 nuts. The red parrot has one more nut than the green parrot. The blue parrot has one less than the green one. How many nuts does each parrot have?

Problem 3. Winnie-the-Pooh used 7 balloons to get to the honey and now he can not get down. Piglet has a gun which he can fire two times. But if his shot touches multiple balloons, all of them pop. Please show on the picture how Piglet can pop all the balloons.

Problem 4. Alena wants to untangle her ribbons.

How many ribbons are here?



Problem 5. Pinocchio has four coins. He put them in four bags, so that each bag has different number of coins. Please show how he put the coins in the bags.

Problem 6. Natasha used matches to make the problem, but the problem is wrong.

You should move TWO matches to correct it.



$$10 + 2 = 2019$$

Problem 7. You need to go through the maze; you have to make 3 right turns and 3 left turns (in any order).

Problem 8. Five soldiers are standing in a line: Anton, Nicholas, Tomas, Alex, Ivan. The officer ordered 2 soldiers standing next to each other to step forward, and then those whose names start with the same letter. After that only one soldier remained in the line. What is his name?

