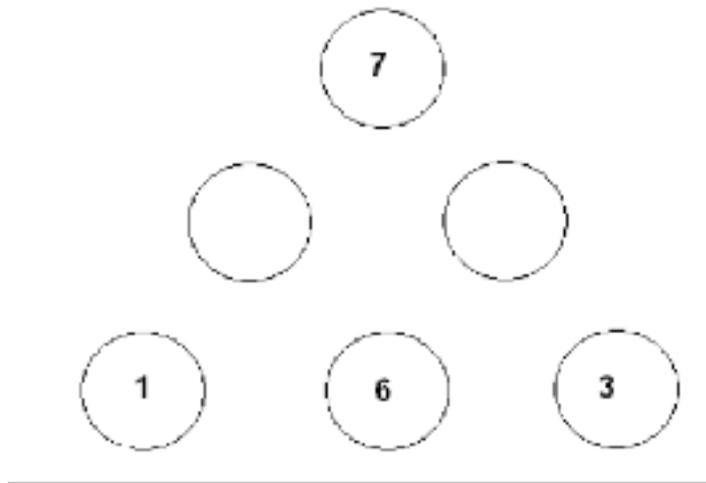


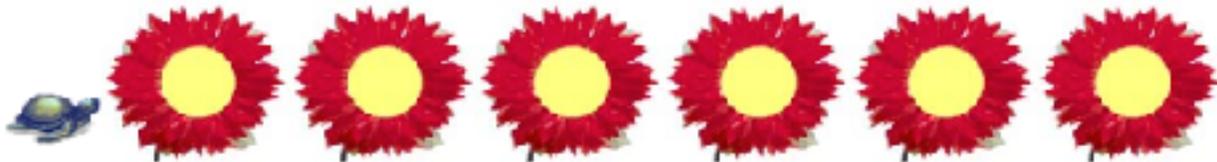
Puzzles Week 1

1. On all sides of the triangle the sum of the numbers is the same. There are 2 missing numbers. What are they?



2. Last year the sum of the ages of Iris, Beatrice, and Lydia was 19 years. What is the sum of their ages this year?

3. Bibi the Turtle wants to write numbers on the flowers so that all the numbers are different. She knows only how to write the digits 1 and 2. On how many of the flowers below can she write?



4. If September starts on a Monday, how many Mondays will it have?

Puzzles Week 1

5. When Selma the young witch left the room at 8:30 AM, the clock on the wall was showing the right time. When she is not in the room, the bewitched clock runs at the normal speed but backwards. The witch returns at 9:45 PM that same day. What time is the bewitched clock showing?

6. There are 8 rabbits in the cells of the table(see picture below). Move the rabbits from 1 cell to another so that there will be exactly 2 rabbits in any row and in any column of the table. What is the least number of rabbits that need to be moved?

7. Adam spent 5 days preparing for a test. The first day he solved one problem, and each day after that he solved twice as many problems as he did the day before. How many problems did Adam solve altogether to prepare for this test?

8. Two people have 1 square cake each. Each person makes 2 straight cuts all the way through the cake. However one person ends up with three pieces, but the other one has four. How can this be? Does one person have more cake? Who?

9. Without lifting your pencil from the paper, connect all 4 dots with 3 line segments(intervals). Start and end with the same dot.

