## Magic Triangle

This puzzle is similar to the magic square first invented by the Chinese more than 2000 years ago. In the magic triangle, we place the numbers 1 through 6 in the circles, using each number only once.

To solve the puzzle below, the numbers in the three circles on each side should add up to the same sum. For the triangle below, each side should add up to 10 . If you can, use a pencil!


10 is one of the four possible sums for the sides of a magic triangle with the numbers $1,2,3$, 4,5 , and 6 . Can you find the three other possible numbers the sides can add up to?

Here are some blank triangles to use for practice.


