Year 5 & 6, Term 3 Maths Challenge

Chilton Primary School

Below is the Term 3 maths challenge. If you would like to enter, solve the problem below and return any entries to **Miss Lane’s** Classroom (Year 5, Team Indigo) by **Tuesday 5th February.** Names of those who are successful in the completion of the maths challenge will be entered into a raffle for a prize where one winner will be chosen in our Chilton Heroes assembly on **Friday 15th February**. All entrants will receive a certificate for participating.

**Challenge:**

**In the diagram there are 6 circles arranged in the shape of an equilateral triangle. You are given the numbers 1 to 6. Put a different number in each circle. How many ways are there of doing this so that the sums of the numbers on each side of the triangle are the same?**



**What other six numbers can be used to make equal sums for each side?**