

RAM Maths Circle

Date: August 12, 2023
Swami Vivekanand School, Dombivli

For this session, facilitators decided to give students a puzzle. The puzzles are as follows,

- Consider the numbers 1,2,...,6. Arrange these numbers without repetition in the following figure's circles such that each side's addition is the same. How many possible additions are there? Explain in your own words.
- Given the numbers 1,2,..6. Fill the circles using these numbers without repetition of the diagram below in such a way that the subtraction of any two values circles is the value of the circle on top of them. To understand this, suppose we fix 2 at the top, second row 5,3 and then has 6,1 and 4.

