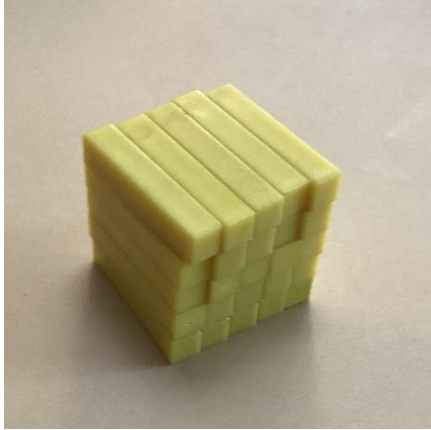


Year 5's solution to 'The Big Cheese' problem

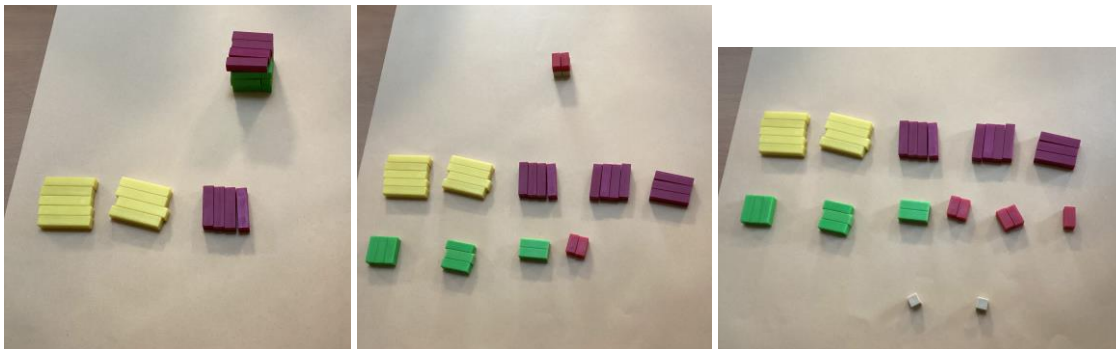
First, we built the 5 by 5 by 5 cube out of Cuisenaire rods. We chose to use yellow 5-rods instead of the small cubes because it was more efficient.



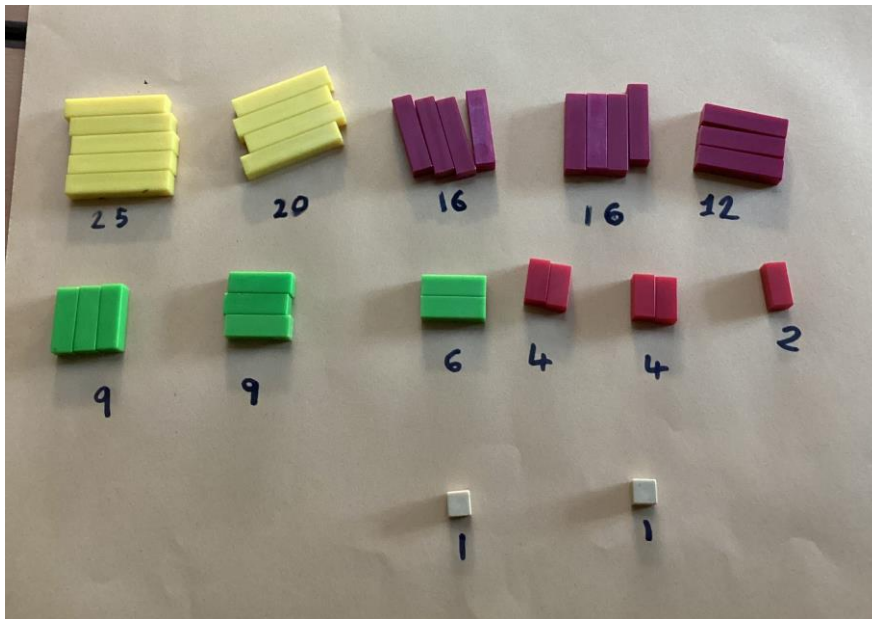
Then we removed the slices. However, we could only remove two slices made of yellow rods. We had to change the remaining cheese into 4-rods, then 3-rods, then 2-rods and then into 1-cubes.



Then we rebuilt the cube and took it apart again slice by slice.



This picture shows the size of each slice.



We tried to split the cheese equally between 2, 3 and 4 but none of them worked. We couldn't split the cheese equally between 2 and 4 because 125 is odd. 125 is not divisible by 2. Splitting it equally between 5 people worked. Here is our solution.

