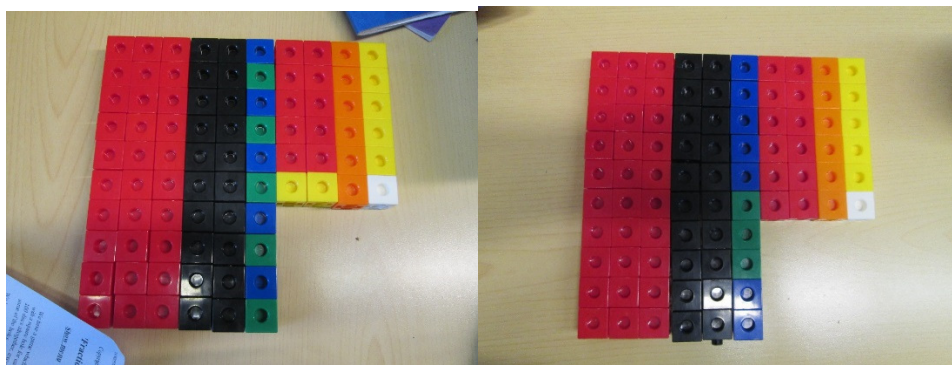


## Maths- the mastery approach

- Once secure with an objective children can apply their skills to solve problems that require deeper thinking and reasoning about their methods:
- E.G Year 6 – Children who had secured methods of finding equivalent fraction, decimal and percentages progressed on to working on a multi-stepped problem- 'Fraction Box Challenge'

Some children solving this worded fraction problem chose practical resources to help them solve it. They then explained their two attempts and what had gone wrong the first time and how they had corrected and checked to solve problem.



Reasoning.....



There are some triangles, squares and hexagons in a bag.  
The total number of sides is 48.  
How many of each shape could there be?

True/False?

Convince me and prove it.

- 24 is an even number
- There are 4 ways of making 5p
- 2 is a prime
- The angles in all quadrilaterals add up to 360 degrees.