

# 6 BEADS

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I started by finding numbers that added up to 6.

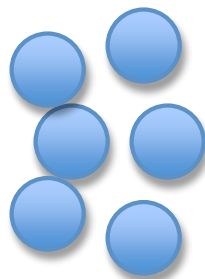
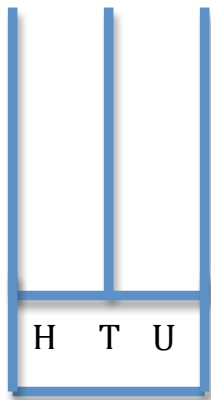
Now swap them

6+0	0+6
2+4	4+2
3+3	3+3
1+5	5+1

3+3 has equal numbers so it can only be change once

So that means that I have produced 7 different ways of putting the beads on the columns tens and units.

## WE EXTENDED THE PROBLEM TO H.T.U



On my sheet of working out I was a mess so I made it into a neater project.

600,006,060  
 321,231,213,123,312,321  
 420,240,402,204,042,024  
 411,414,114  
 510,501,015,105,150,051  
 222

To save time write it like this.



What I mean by sets is how many numbers I have of the one group numbers. There are 25 in total.

600	3 sets
321	6 sets
420	6 sets
411	3 sets
510	6 sets
222	1 sets