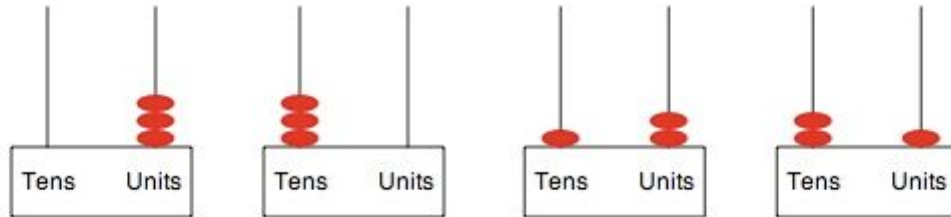


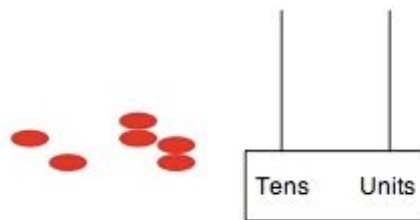
6 Beads

Age 5 to 7 ★★

If you put three beads onto a tens/units abacus you could make the numbers 3, 30, 12 or 21.



Explore the numbers you can make using six beads.



It might help to use some equipment e.g. counters, beads, pebbles etc.

How will you know you have found all the different ways?

What can you tell me about the numbers you've found?

Are there any other ways you can arrange those beads?

How can you tell if you have them all?

Write an explanation of how you went about solving this problem and how you made sure you found all the possible numbers.

Challenge 1 - use 4 beads

Challenge 2 - use 6 beads

Challenge 3 - use 8 beads