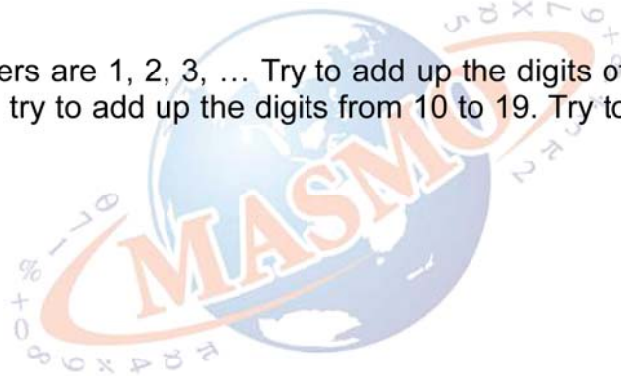




Hints

- 1 Natural numbers are 1, 2, 3, ... Try to add up the digits of the first 9 natural number. Then try to add up the digits from 10 to 19. Try to look for a pattern here.





Hints

- 2** List out the possibility of the colour combinations.





Hints

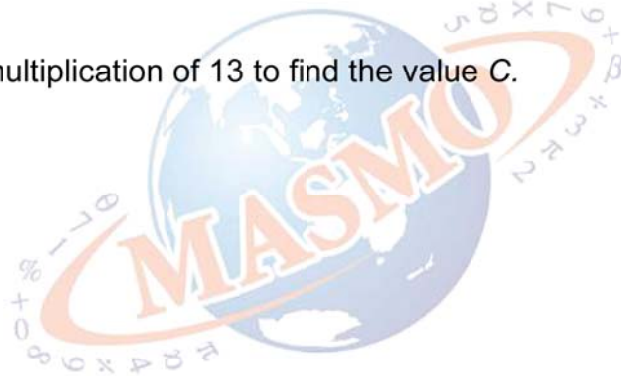
- 3** Count the number of single small triangles, followed by counting the bigger triangles which can be formed by combining two, three, four, ... or nine smaller triangles.





Hints

- 4** Analyse the multiplication of 13 to find the value C.





Hints

5 Find Q first.

Rule : If the last 3 digits of a given number is divisible by 8, then the given number itself is divisible by 8.

Rule : A number is divisible by 11 if the difference between the sum of the odd-place digits and the sum of the even-place digits is 0 or a multiple of 11.

