Maggie Maths question

**Children often**enjoy spotting patterns and making patterns with lots of different things. Maggie would like the children to find as many different ways they can colour a row of three fish using only 3 colours. You can’t use the same colour twice in each row.

For example:

     

     

How many different ways are there of colouring the fish?

1.   
2.   
3.   
4.   
5.   
6.   

Challenge: The children may wish to try a row of four fish and 4 different colours.

(HINT: There are 6 different combinations using 3 colours).

1.    
2.    
3.    
4.    
5.    
6.    
7.    
8.    
9.    