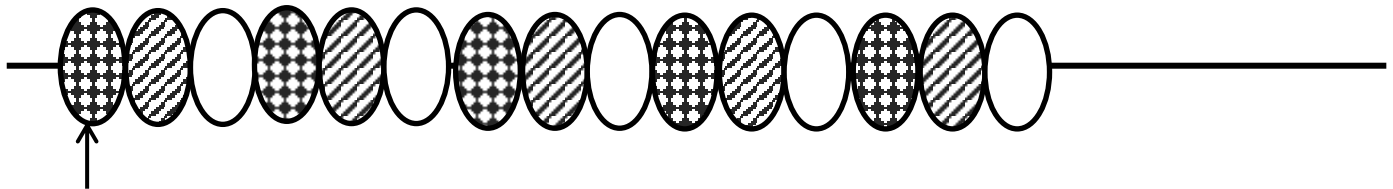




PROBLEM SOLVING - THE BEAD NECKLACE

Captain Salamander decides to make a bead necklace for his friend Sally. He makes a pattern of beads in the necklace.



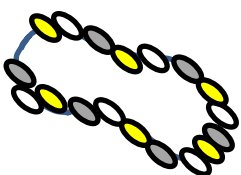
1st bead

- 1) How many beads are on the necklace now? _____
- 2) What is the 5th bead - spotty, stripy or plain? _____
- 3) What is the 12th bead? _____
- 4) How many spotty beads are there in total so far? _____
- 5) Will the next bead be plain, stripy or spotty? _____

Captain Salamander adds another 9 beads to the necklace.

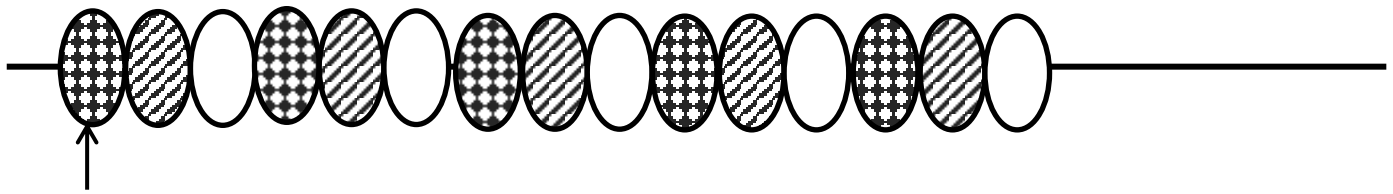
- 6) How many beads are there now? _____
- 7) How many plain beads are there in the necklace now?

- 8) Will the 20th bead be spotty, stripy or plain? _____
- 9) What would the last bead in the necklace be? _____





PROBLEM SOLVING - THE BEAD NECKLACE ANSWERS



1st bead

1) How many beads are on the necklace now? **15 beads**

2) What is the 5th bead - spotty, stripy or plain? **stripy**

3) What is the 12th bead? **plain**

4) How many spotty beads are there in total so far? **5**

5) Will the next bead be plain, stripy or spotty? **spotty**

Captain Salamander adds another 9 beads to the necklace.

6) How many beads are there now? **24 beads**

7) How many plain beads are there in the necklace now? **8**

8) Will the 20th bead be spotty, stripy or plain? **stripy**

9) What would the last bead in the necklace be? **plain**