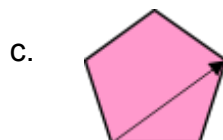
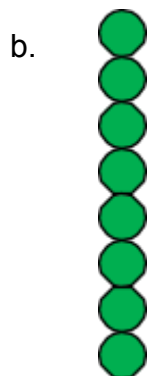
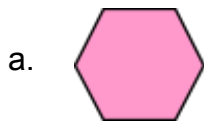


Stepwise Thinking

Q.1. Given below are some activities that you do before coming to school. Number these activities in the correct sequence.

- Ans:**
1. Wake up
 2. Wash your face
 3. Brush your teeth
 4. Dress up
 5. Comb your hair
 6. Eat your breakfast

Q.2. Identify the next shape in the following series.



Q.3. Anmol, Vimal and Ganesh went for a lunch party. Each one of them had different dishes for lunch. One had chicken, another had mushrooms and the third had corn. What dish did each one have for lunch?

Ans: **Step 1: Read and understand the problem.**

Anmol, Vimal and Ganesh went for a lunch party. Each one of them had different dishes for lunch. One had chicken,

another had mushrooms and the third had corn. What dish did each one have for lunch?

Step 2: Identify the goal.

What dish did each one have for lunch in the given conditions?

Step 3: Identify the conditions given.

Anmol likes to eat either chicken or corn
Anmol = chicken or corn

Vimal and Ganesh both like mushrooms
Vimal and Ganesh = mushrooms

Ganesh did not have chicken or mushroom
Ganesh X chicken or mushroom

Step 4: Solve the problem using the given information and conditions.

Step 5: Solution

Anmol will have chicken for lunch as he can either have chicken or corn.

Vimal will have mushrooms for lunch as he and Ganesh both likes mushrooms.

Ganesh will have corn for lunch as he will not have chicken or mushroom.

Q.4. Complete the sequence by giving reasons and show the steps followed.
4 , 6 , 9, 13, 18, ?

Ans: Step 1: Read and understand the problem.

4 , 6 , 9, 13, 18, ?

Step 2: Identify the goal.

To find the sixth number in the sequence.

Step 3: Identify the given condition.

The next number in the series is formed by adding 2, 3, 4 and so on to the previous number.

Step 4: Solve the problem using the information and conditions.

$$4 + 2 = 6$$

$$6 + 3 = 9$$

$$9 + 4 = 13$$

$$13 + 5 = 18$$

$$18 + 6 = 24$$

Step 5: Solution

24

- Q.5. Solve the following problem logically and write down the steps for the same.
I am a two-digit number. I have seven in the tens place. The sum of my digits is 11. What number am I?

Ans: Step 1: Read and understand the problem.

**I am a two-digit number.
I have seven in the tens
place. The sum of my digits is
11.**

Step 2: Identify the goal.

Finding the number.

**Step 3: Identify the
conditions. two-digit
number seven in the
tens place
sum of the digits is 11**

Step 4: Solve the problem using the information and conditions.

$$7 \text{ tens} = 70$$

$$7 + 4 = 11$$

$$7 \text{ tens} + 4 \text{ ones} = 70 + 4 = 74$$

Step 5: Solution

74 is a two-digit number.

- Q.6. A farmer is travelling with a fox, a sheep and a small sack of hay. He comes to a river with a small boat in it. How can the farmer get all three as well as himself safely across the river given the following conditions?

- The boat can only support the farmer and any one other animal/item.
- If the farmer leaves the fox alone with the sheep, the fox will eat the sheep.
- If the farmer leaves the sheep alone with the hay, the sheep will eat the hay.

Ans: Step 1: Read and understand the problem.

A farmer is travelling with a fox, a sheep and a small sack of hay. He comes to a river with a small boat in it. How can the farmer get all three as well as himself safely across the river?

Step 2: Identify the goal.

How can the farmer get all three as well as himself safely across the river in the given conditions?

Step 3: Identify the conditions given.

The boat can only support the farmer and any one other animal/ item.

