# Chapter - 7 Patterns

#### What is a patterns?

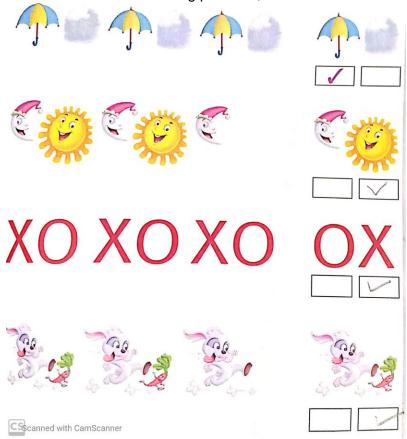
A patterns is a series of sequence that repeats.

**Number patterns:-** Numbers oatterns are a sequence of numbers that are ordered based upon a rule.

- Use a number line to see the distance between the number orwhat they in common.
- Look at the last one or two digits or the first digit to see if they repeat in a special manner.
- Look at the numbers and see if there is a pattern like talking each number and multiplying by 's for instance.
- Think about commin number pattern like counting by 2's,5's, 10's.
- Find the difference between the numbers.

#### Practice ground (page no 177,178)

Qno.1. In each of the follwing patterns, find out what comes next.



Qno.2. Fill in the boxes with the correct ordinal numbers.

\* 1st, 2 nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th

Qno.3. Complete the following patterns:-

- 1,2,1,2,1,<u>2</u>,<u>1</u>
- 1, 3, 5, 7, 9, <u>11, 13</u>

- 14, 12, 10, 8, 6, 4, <u>2</u>
- 0,0,1,0,0,<u>1</u>,<u>0</u>
- 3, 6, 9 12, 15, <u>18</u>, <u>21</u>

## **Exercise**

# Qno.1.complete the following series:-

TTTT
11011011
1111
$\vee \wedge \vee \wedge$
00□00□
0000
WMWM

## Answers:-