

# Growing patterns

## Growing Pattern

Growing pattern is a pattern where something is added every time when the sequence repeats.



In this pattern, the number is increasing like 1, 2, 3, 4, 5

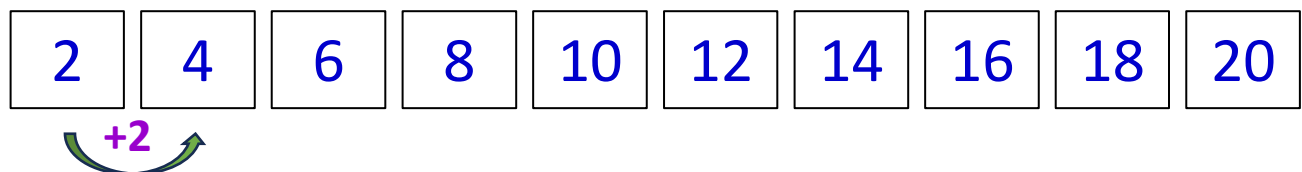
This is called growing pattern.

## Types

### Number Pattern



It's a growing pattern, increased by 1.



It's a growing pattern, increased by 2.



+4

It's a growing pattern, increased by 4.



+5

It's a growing pattern, increased by 5.



+10

It's a growing pattern, increased by 10.

Example 1:



Solution:



+3

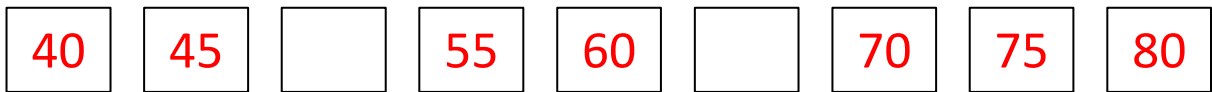
$$10 + 3 = 13$$

This sequence is increased by 3.

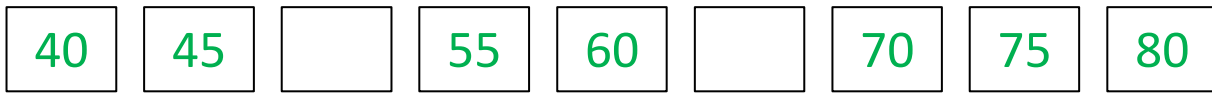
The answer will be



Example 2:



Solution:

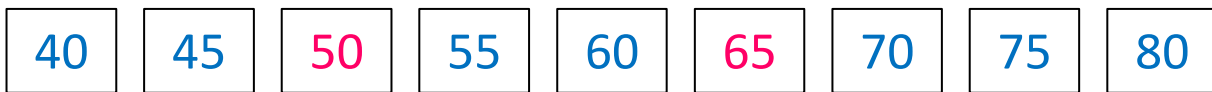


+5

This sequence is increased by 5.



+5



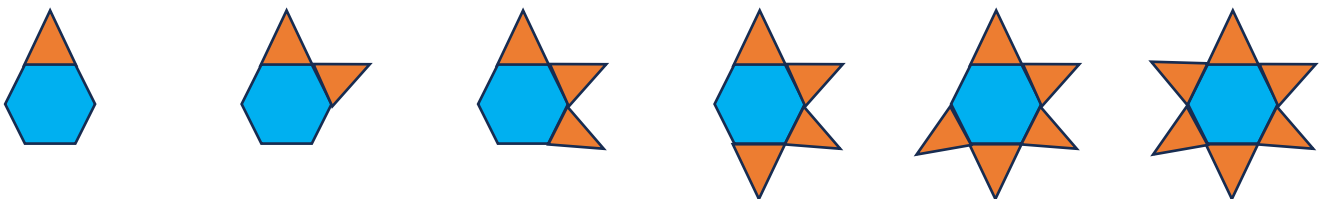
+5

Types

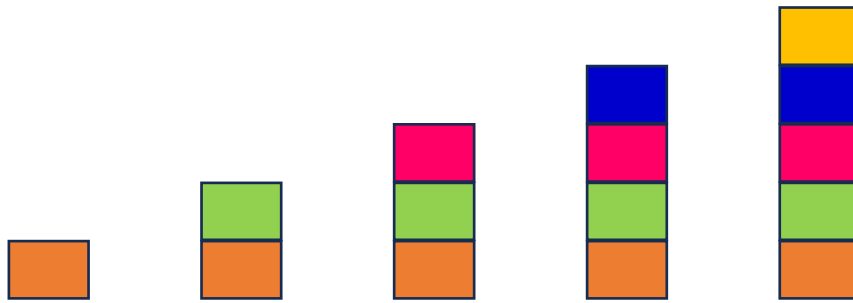
Geometrical pattern



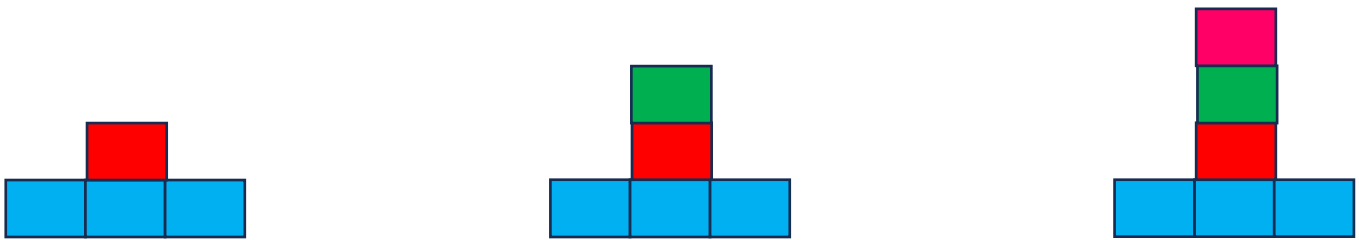
▲ Remains the same and ● is increasing one by one.



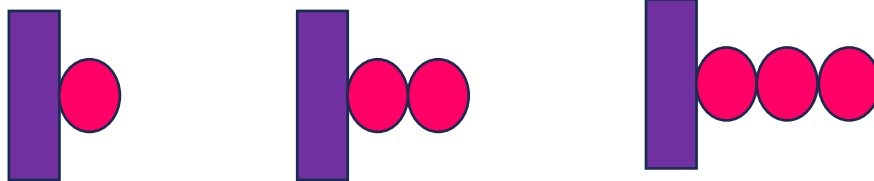
▲ is increasing one by one.



The square is increasing **one by one**.



The square is increasing **one by one**.



The **circle** is increasing **one by one**.

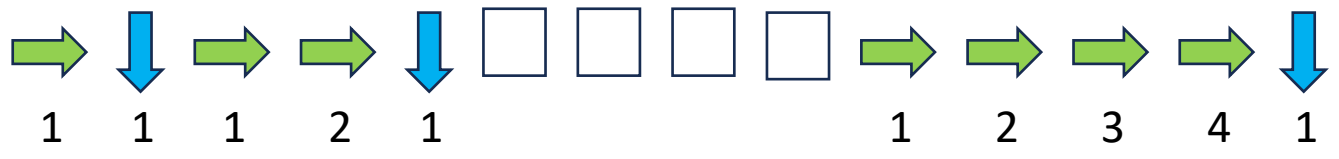


The rectangle is **increasing by 2's count**.

Example 1:



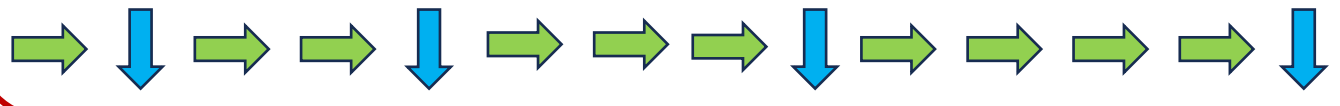
Solution:



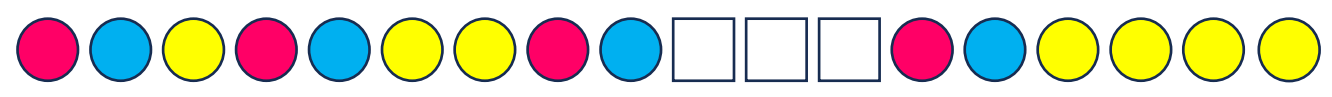
↓ Remains the same and → is increasing.

Missing term is 3 times → and 1 ↓

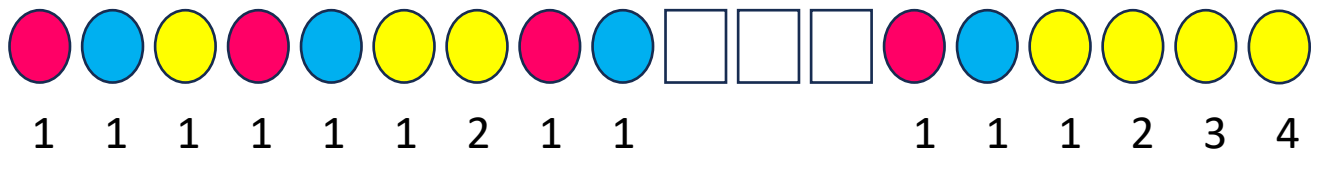
The answer will be,



Example 2:



Solution:



In this sequence, red and blue remains the same but yellow circle is increasing.

The answer will be,

