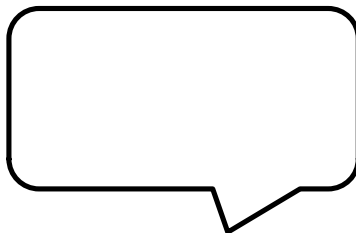


## IP PATTERNS (PAIR)

### ACTIVITY 1 – Matchstick Patterns

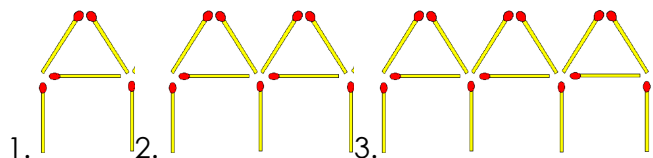
- Talk about the pattern with the learners. Ask them to explain the pattern and try to build or draw the next picture.
- Fill in the table.

#### SERIES 1



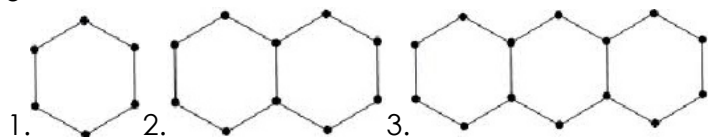
Picture	1	2	3	4	5	...	10	100
No of matchst	3	5						
		3+						

#### SERIES 2



Picture No	1	2	3	4	5	...	10	100
No of matchsticks	5							

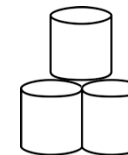
#### SERIES 3



Picture No	1	2	3	4	5	...	10	100
No of matchsticks								

### ACTIVITY 2

A shelf stacker at the supermarket has been asked to display the soup tins in the shop window. Each tin must rest on 2 tins underneath it, to make a triangular shape.



If he builds a pile 2 tins wide on the bottom row, he has a total of 3 tins in the pile like this:

- How many tins would there be in a pile that has 5 tins on bottom row?
- Fill in the table & discuss the patterns you see in the table.

Number of tins in bottom row	2	3	4	5	6	10
Number of tins in pile altogether	3					

