CW

8.5.21

Ex-5 (F)

3(i) A →  ⇒ 3n+4

3 ⇒ 3×n+4

2

N	1	2	3	4	5
S	7	10	43	16	19

For example : 6th figure : 3×6+4
= 18+4 = 22 matchsticks

(ii) A → 15th figure has = 3×15+4 = 49 matchsticks

2) ~~(iii)~~ ~~4~~ 40th figure has = 3×40+4 = 124 match-sticks.

(iii) It is clear that each time the figure (n) is increased by 4 the number of matchsticks