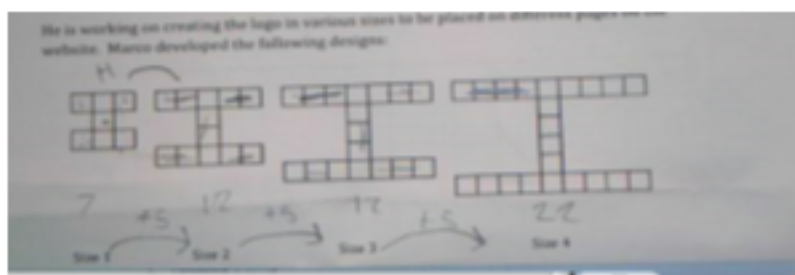


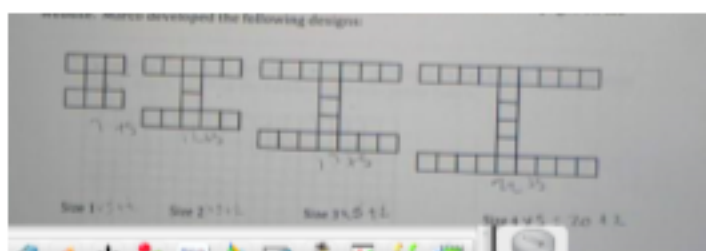


1st Math2 1.2

1	7	} +5
2	12	
3	17	
4	22	



3rd M2 1.2



Recursive

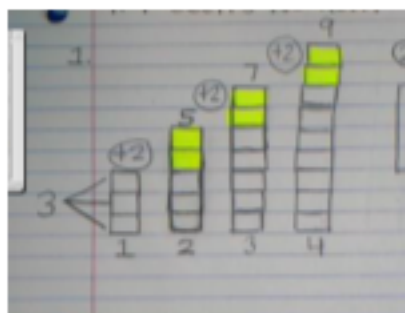
$$f(x) = f(x-1) + 5$$

1.2 ↓

1. 502 squares

2.  $n \times 5 + 2$

## 4th M1 1.4

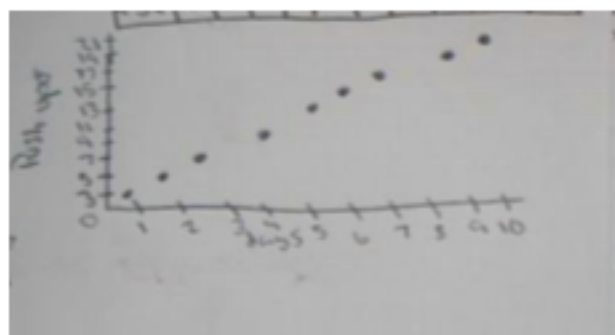


100	1	2	3	4	5	6	7	8	9	10	11
200	3	5	7	9	11	13	15	17	19	21	23
300											



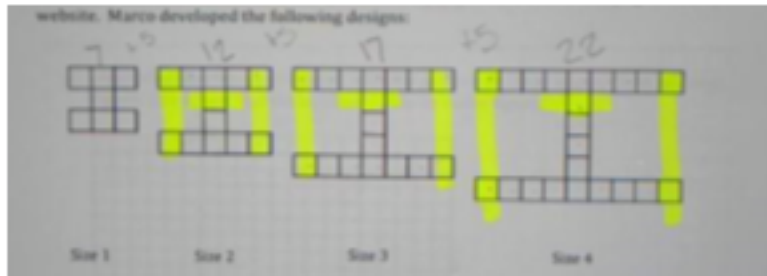
## 6th M1 1.4

Bar	Height
1	3
2	5
3	7
4	9
5	11
6	13
7	15
8	17
9	19
10	21

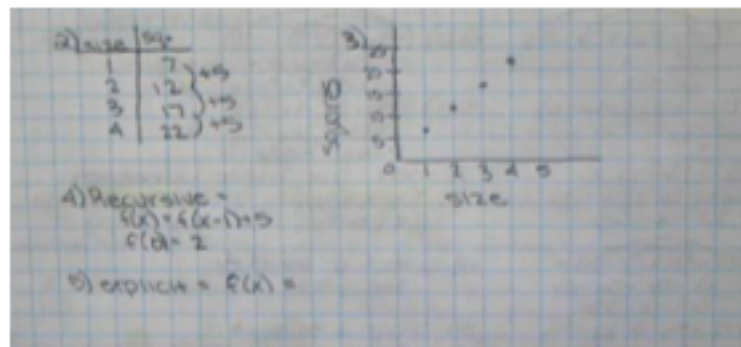


$$d = \text{new} - \text{previous term} + 2$$

$$c. p = 2d + 1$$



## 7th M2 1.2



$$f(x) = f(x-1) + 5 \quad f(1) = 7$$

altern

$$f(x) = \frac{5}{1}x + 2 \quad \left[ \frac{5(100) + 2}{100 + 2} = 50 \right]$$

mathematical model for the number of squares in the logo for size n.

↑  
 Constant  
 dk.