

1st period (Math 1- 1.2)

They're going up by 4 each minute

2. Assuming the pattern continues in the same way, how many dots are there at 3 minutes?

13 dots because goes up 4 each minute

1. How many dots are there at 100 minutes?

$f(t) = 4t + 1$

$4(100) + 1 = 401$

0	1
1	5
2	9
3	13

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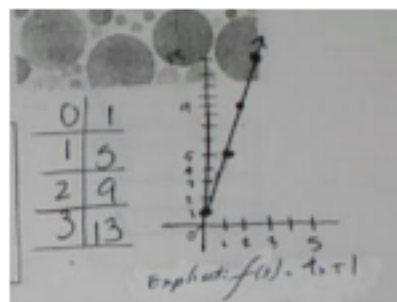
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3rd per (Math 1-1.2)

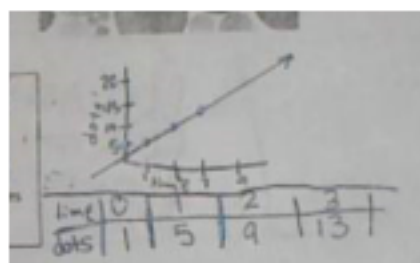
$f(t) = f(t-1) + 4$

At the beginning At one minute At two minutes

explicit: $f(x) = 4x + 1$



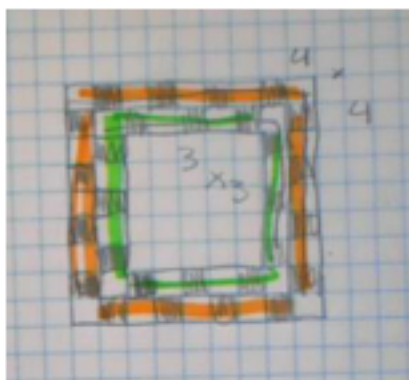
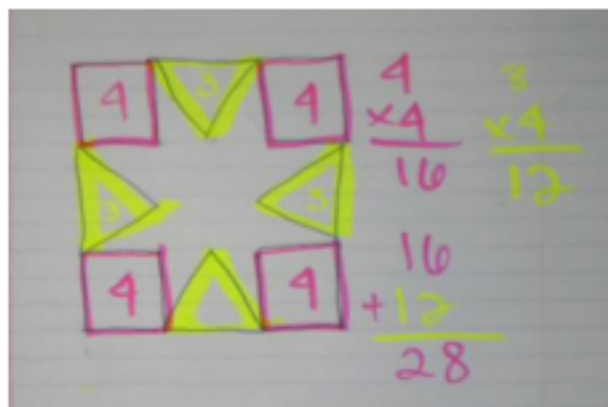
rec: $f(x) = f(x-1) + 4$



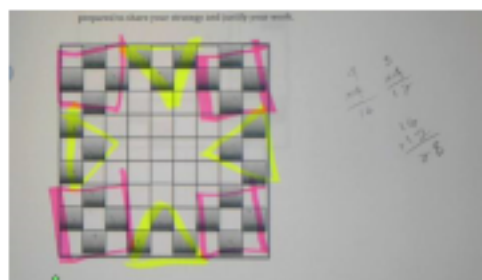
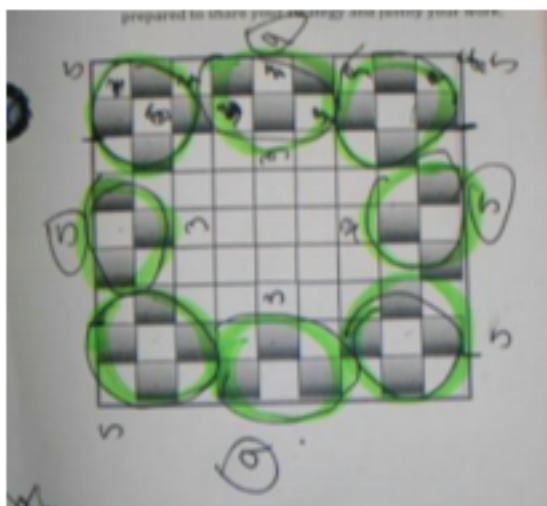
4th per (Math 1-1.1)

井欄 $S = 28$

2	4	6	5
26			10
10			12
24			14
22	20	18	16

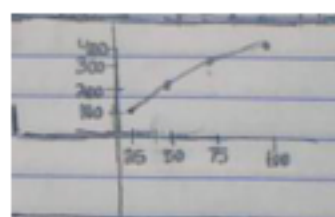
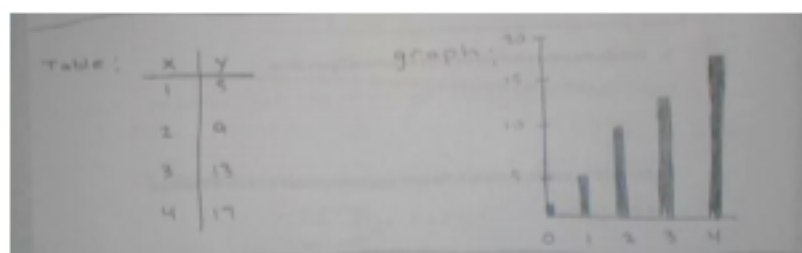


6th per (Math 1-1.1)



1. Describe the pattern that you see in the sequence of figures above.
It's adding by 4 each time.

7th period (Math 1- 1.2)



arrived at your solution.

$$\text{explicit: } f(t) = 4t + 1$$

your solution.

$$f(x) = f(x-1) + 4 \quad f(0) = 1$$