

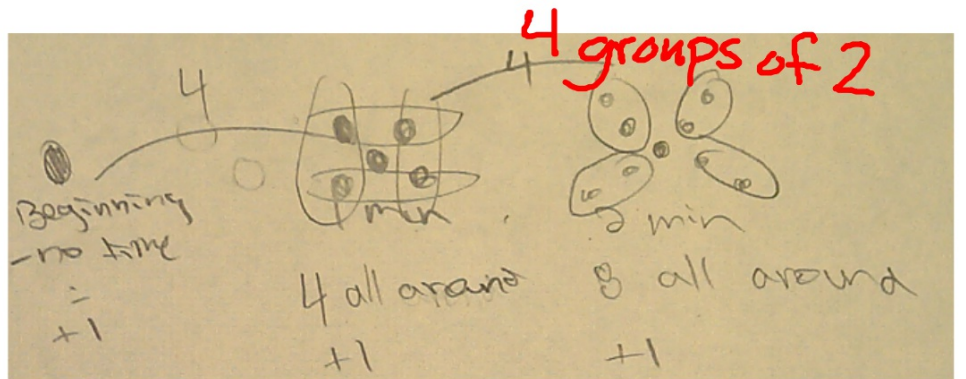
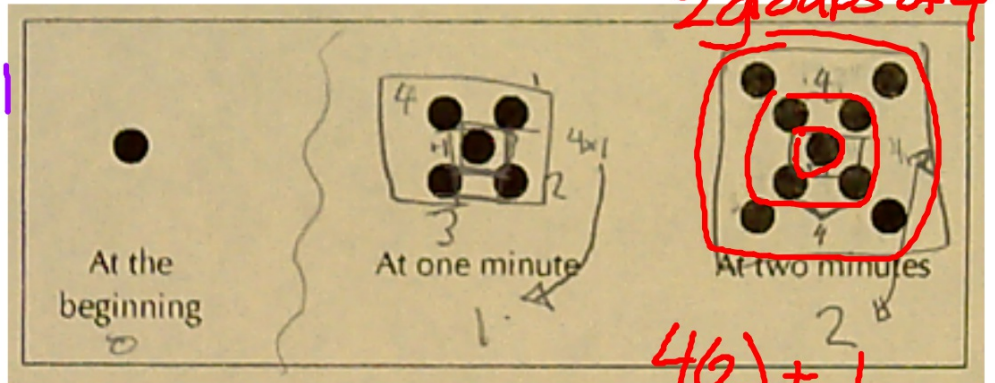
Input Output

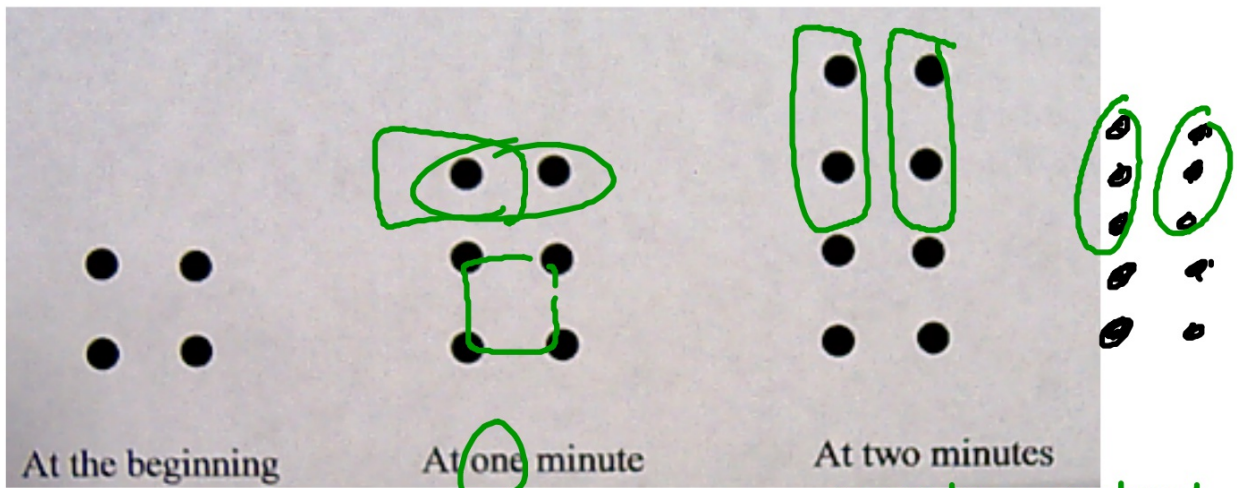
mins	dots
0	1
1	5
2	9
3	13
4	17
5	21

$4(0)+1$

$6 \quad 21+4=25$
 $7 \quad 29$

$$4t + 1 = \text{dots}$$





At the beginning

At one minute

At two minutes

$$2(x) + 4 = d(x)$$
 Next = Now + 2

input x	output $d(x)$
0	4
1 →	6 ↘ +2
2 →	8 ↘ +2
3 →	10

m	d
0	3
1	6
2	12
3	24
4	48
5	96
6	192

3

3·2

3·2·2

3·2·2·2 = 3·2³

Next = NOW x 2

3 groups of 2

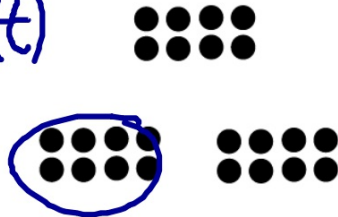


At the beginning

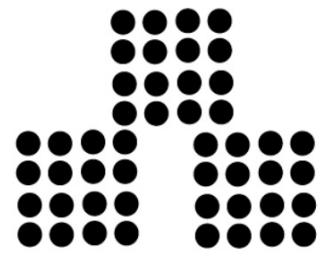
At one minute

At two minutes

$$3 \cdot 2^t = d(t)$$



At three minutes



At four minutes