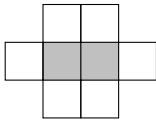
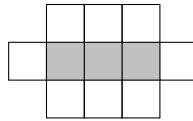


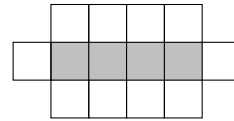
1. Here are some patterns made of squares.



Pattern number 1



Pattern number 2



Pattern number 3

(a) In the space, below draw Pattern number 4

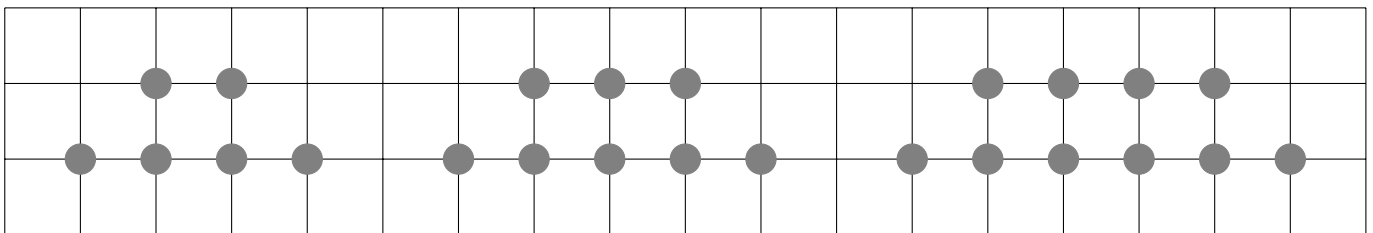


Pattern number 4

(b) Complete the table

Pattern number	1	2	3	4	5
Number of squares	8	11	14		

2. Here is part of a sequence of patterns made from circles.

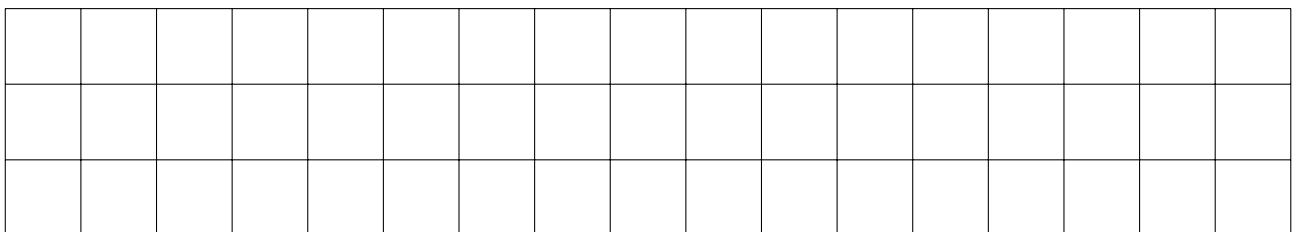


Pattern number 1

Pattern number 2

Pattern number 3

(a) In the space, below draw Pattern number 4



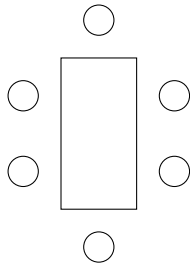
Pattern number 4

(b) Complete the table

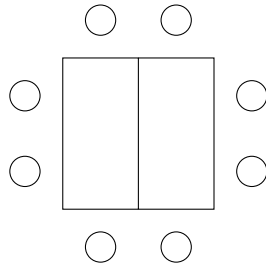
Pattern number	1	2	3	4	5
Number of circles	6	8	10		

Turn over for more questions and answers

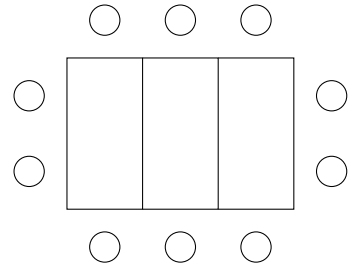
3. Here is part of a sequence of patterns made from rectangles and circles.



Pattern number 1



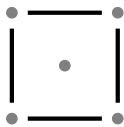
Pattern number 2



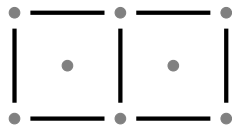
Pattern number 3

In the space, below draw Pattern number 4

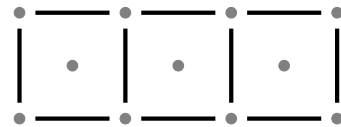
4. Here are some patterns made from dots and sticks.



Pattern number 1

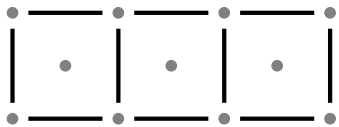


Pattern number 2



Pattern number 3

(a) In the space, below complete Pattern number 4

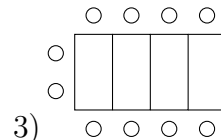
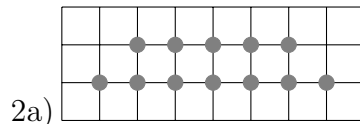
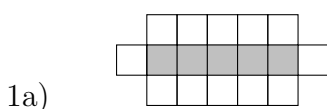


Pattern number 4

(b) Complete the table

Pattern number	1	2	3	4	5
Number of dots	5	8	11		

Answers



1b) Pattern number	1	2	3	4	5
Number of squares	8	11	14	17	20

2b) Pattern number	1	2	3	4	5
Number of circles	6	8	10	12	14

4b) Pattern number	1	2	3	4	5
Number of dots	5	8	11	14	17