

1. Here is a number sequence.

4 8 12 16 20 24 28

(i) Complete this statement about the sequence.

(a) All the numbers in the sequence are of

(b) All the numbers in the sequence are multiples of

(ii) Write down the next term in the sequence

2. Here are the first five terms of an arithmetic sequence.

5 9 13 17 21

(i) Write down the term to term rule of the sequence

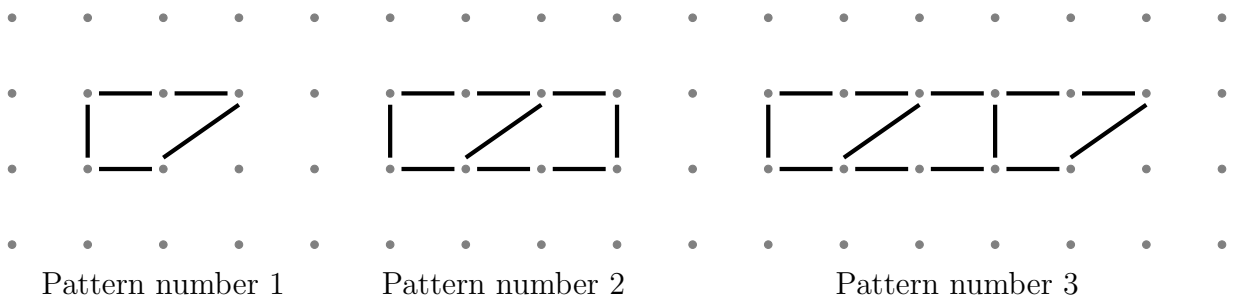
(ii) Write down the next term of the sequence

3. Here are the first five terms of an arithmetic sequence.

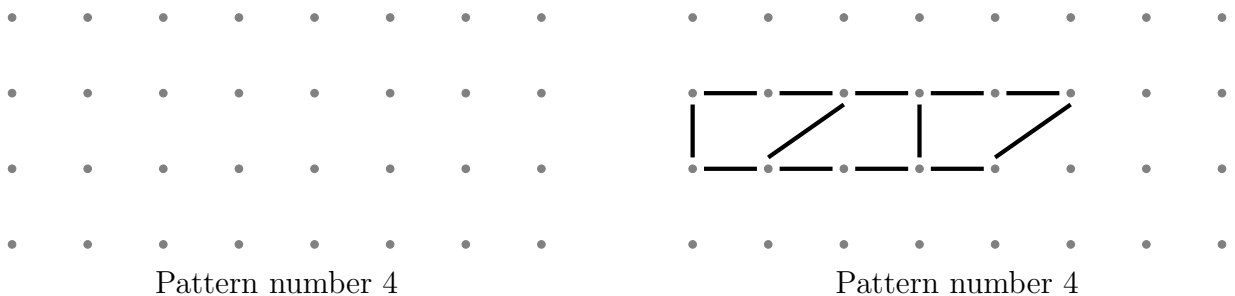
2 8 14 20 26

Find the 8th term of this sequence. {OR 10th OR 12th OR 15th term}

4. Here is part of a sequence of patterns made from sticks.



(a) In the space, below draw Pattern number 4 {OR ... **complete** Pattern number 4 }

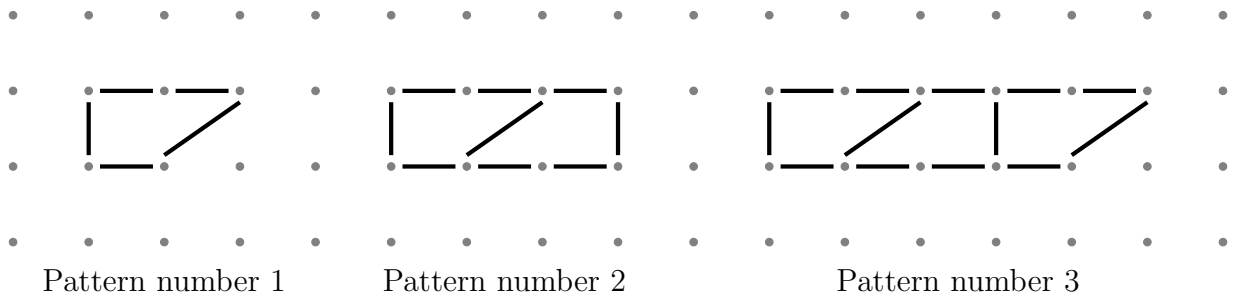


(b) Complete the table

Pattern number	1	2	3	4	5
Number of sticks	5	9	13		

5. Here are the first three patterns in a sequence.

The patterns are made of sticks.



How many sticks are there in pattern number 7?