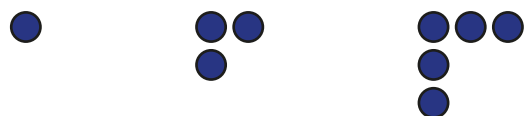
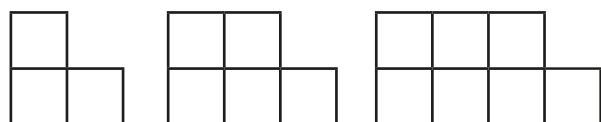


Sequences in a table and graphically

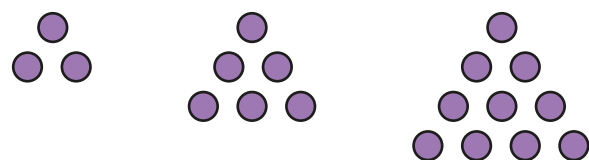
1 Match the sequences to the tables.



Position	1	2	3
Term	3	5	7



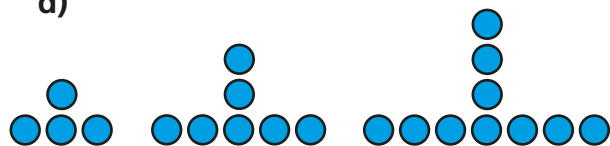
Position	1	2	3
Term	3	6	10



Position	1	2	3
Term	1	3	5

2 Complete the tables.

a)



Position	1	2	3
Term			

b)

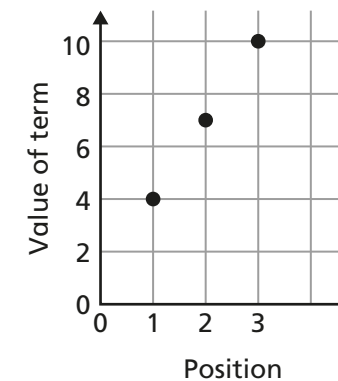


Position	1	2	3
Term			

3 a) Describe each of the representations.



Position	1	2	3
Term	4	7	10

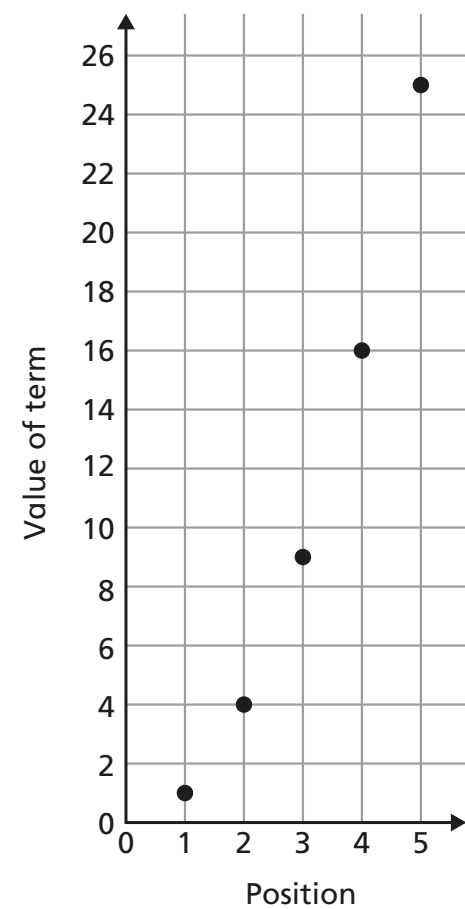
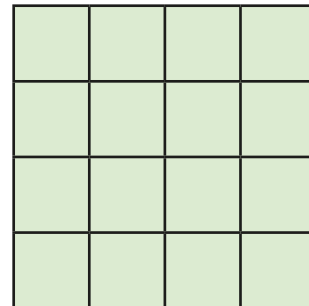
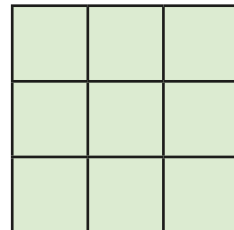
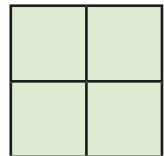


b) What is the same about each of the representations?

c) What do you notice about the points on the graph?
Why might this be happening?

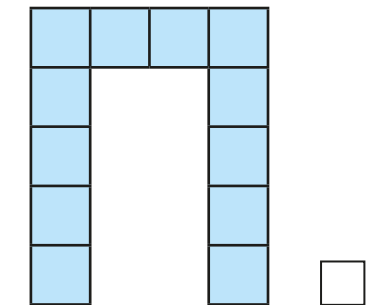
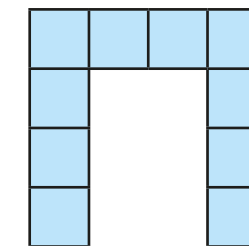
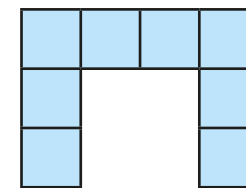
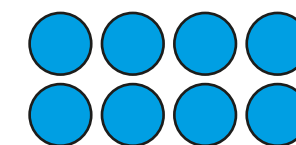
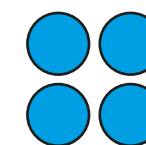
- 4 a) Use the diagrams to help you complete the table.

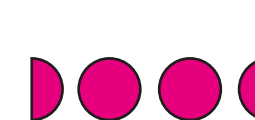
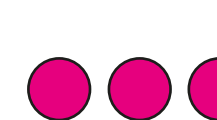
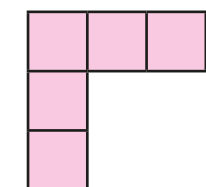
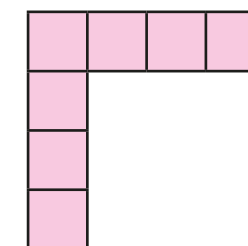
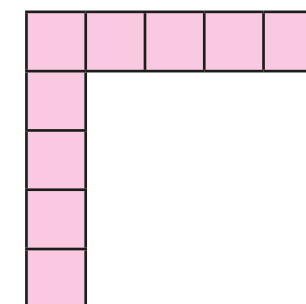
Position	1	2	3	4	5
Term	1			16	



- b) Why don't the points on the graph make a straight line?

- 5 Tick the sequences that will have points that form a straight line if plotted on a graph.


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Explain your reasoning.
