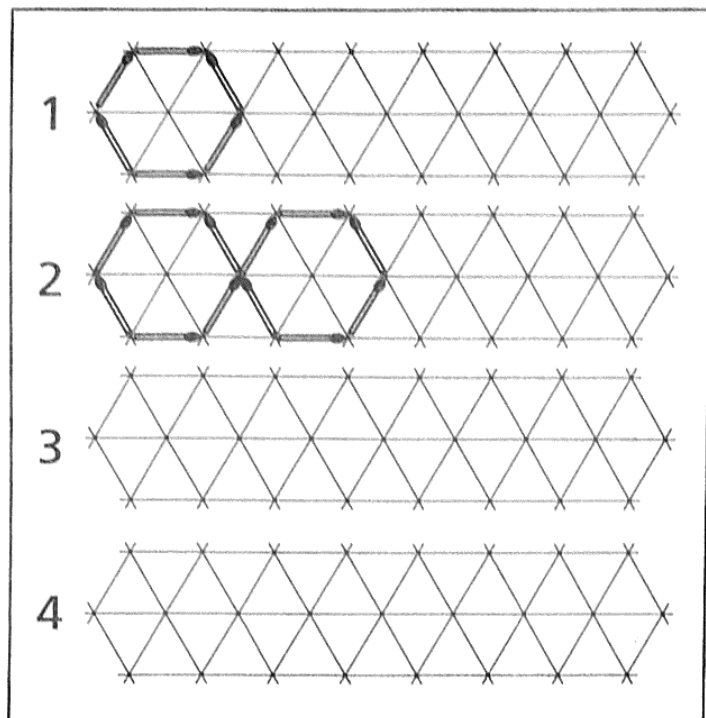


Patterns

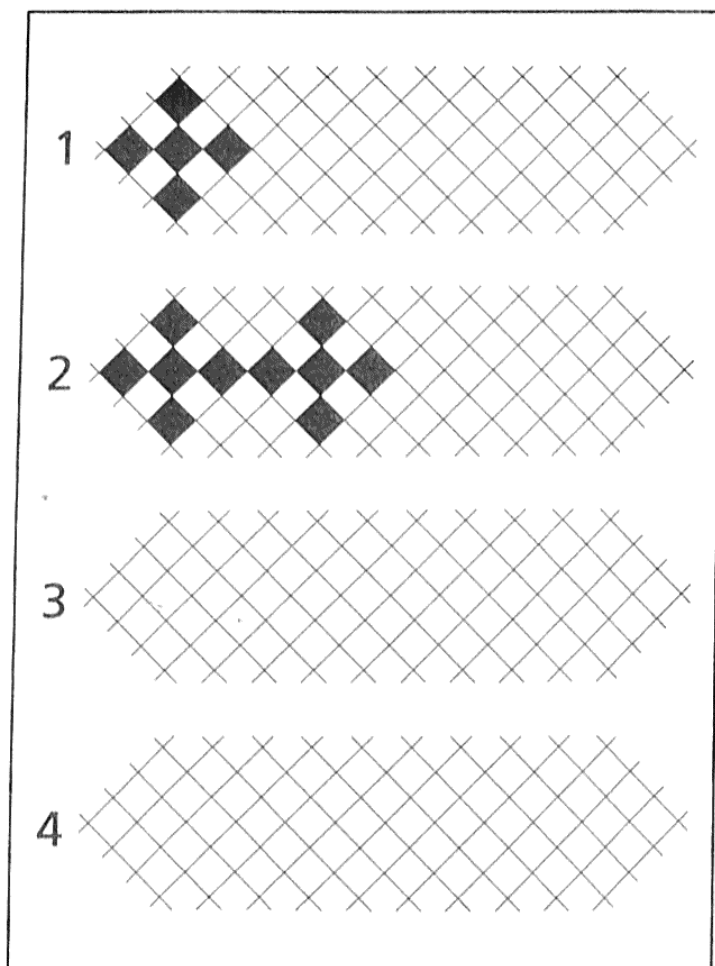
- 1 (a) Draw the next two matchstick patterns. (b) Complete:



Number of hexagons	Number of matches
1	6
2	
3	
4	
5	

- (c) How many matches would be needed for
- 10 hexagons _____
 - 100 hexagons? _____
- (d) The number of matches is _____ times the number of hexagons.

- 2 (a) Colour the next two cross patterns.



Number of crosses	Number of coloured squares
1	5
2	
3	
4	
5	

- (c) How many coloured squares would there be in
- 9 crosses _____
 - 20 crosses? _____
- (d) The number of coloured squares is times _____ the number of crosses.