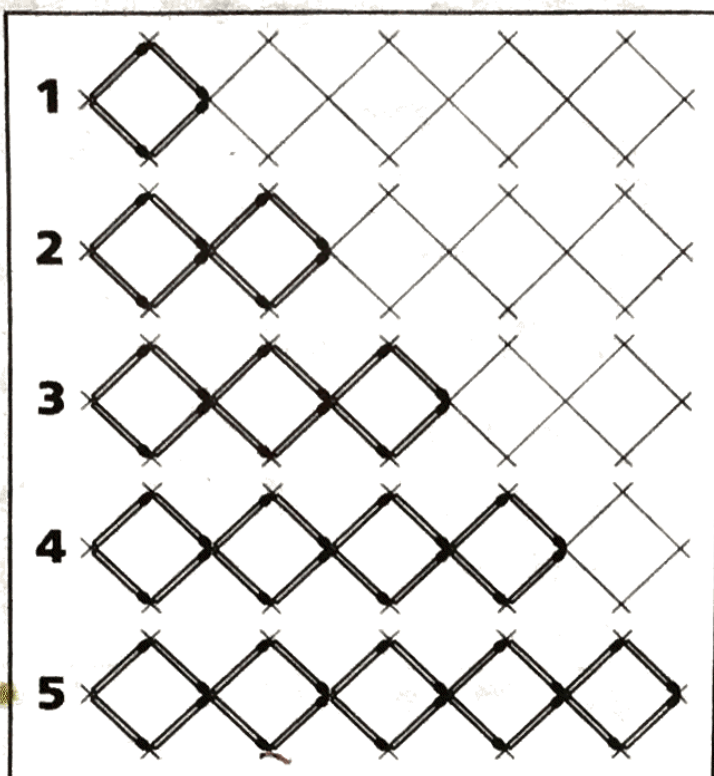


Matchstick patterns

1 (a) Draw the next two patterns.



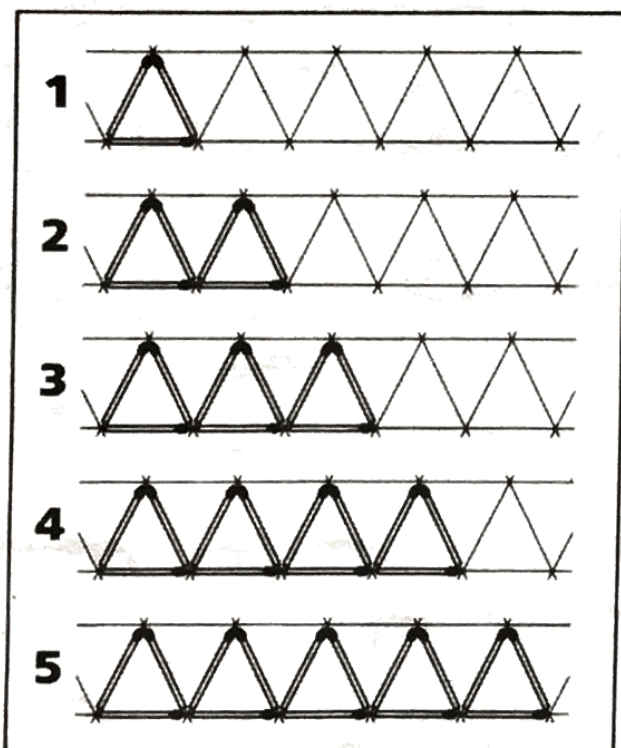
(b) Complete:

Number of squares	Number of matches
1	4
2	8
3	12
4	16
5	20

(c) How many matches are needed for 10 squares? 40

(d) Complete:
The number of matches is 4 times the number of squares.

2 (a) Draw the next two patterns.



(b) Complete:

Number of triangles	Number of matches
1	3
2	6
3	9
4	12
5	15

(c) How many matches are needed for 20 triangles? 60

(d) Complete:
The number of matches is 3 times the number of triangles.