

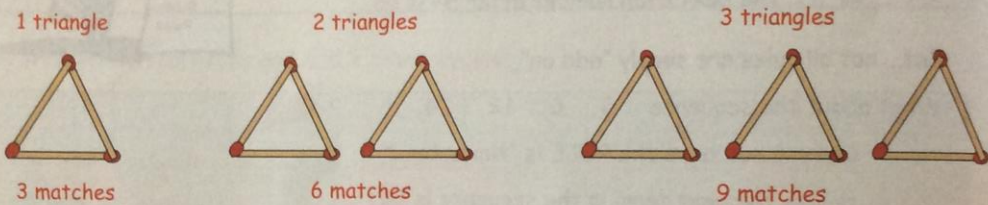
4. Describe the following sequence of numbers :- 8, 11, 14, 17, 20, 23, ...
Copy :- "Begin at the number "...." and go up by "...." each time".

5. Describe each of the following sequences by saying :-
"Begin at the number "...." and go up (down) by "...." each time".

- | | | | |
|---|-----------------------------------|---|-----------------------------|
| a | 5, 7, 9, 11, 13, ... | b | 4, 7, 10, 13, 16, ... |
| c | 8, 12, 16, 20, 24, ... | d | 7, 17, 27, 37, 47, ... |
| e | 83, 88, 93, 98, 103, ... | f | 2, 2.5, 3, 3.5, 4, ... |
| g | 14, 15, ..., 17, 18, ..., 20, ... | h | 52, 48, 44, 40, ... |
| i | 64, 55, 46, 37, ... | j | 3700, 3600, 3500, 3400, ... |

6. Write down the next 3 terms for each of the patterns in Question 5.

7. Look at this pattern made with matches.



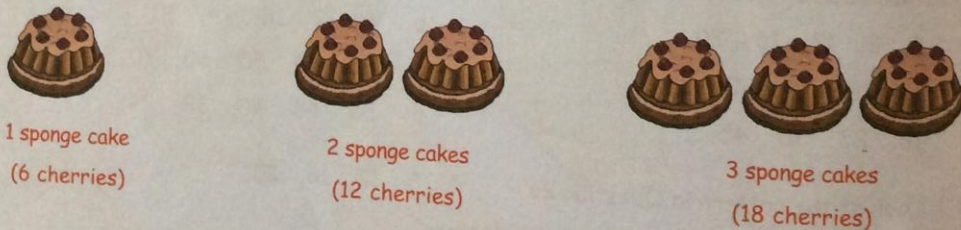
- a Draw the pattern showing the matches needed for 4 triangles.
b The pattern for the number of matches needed is 3, 6, 9, 12, ...
Copy this **sequence** and fill in the next 3 numbers.

- c Copy the following and complete :-

"Start with 3 matches for 1 triangle and add on ... matches for each extra triangle".

- d How many matches are needed for 10 triangles ?

8. Mrs Martin makes sponge cakes which she decorates with cherries.



- a How many cherries are needed for 4 sponge cakes ?
b Copy the pattern 6, 12, 18 and write down the next 3 terms.
c Copy the following and complete :-

"Start with "...." cherries for 1 sponge cake and add on "...." cherries for each extra sponge cake.

