Let's Excercise 1

A. Multiple Choices

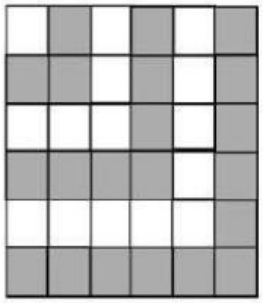
1. Among these number number pattern, find the triangular number pattern.
   A. 1, 3, 4, 7, 11
   B. 1, 3, 5, 7,9
   C. 1, 3, 6, 10,15
   D. 1,4, 10, 20, 35

2. Take a look at this object pattern.

   How many squares at 10th pattern?
   A. 27
   B. 30
   C. 33
   D. 36

3. From this line 3, 7, 13, 21, 31, ... what is the next number....
   A. 42
   B. 43
   C. 44
   D. 45

4. These hatched squares form 3,7,11, ... number pattern



   How many square numbers pattern at 15th pattern?
   A. 55
   B. 57
   C. 59
   D. 61

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5. Observe these number pattern:
   (i) 4, 9, 14, 19, 24, ...
   (ii) 3, 6, 12, 24, 48, ...
   (iii) 2, 4, 6, 8, 10, ...
   (iv) 1, 4, 9, 16, 25, ...

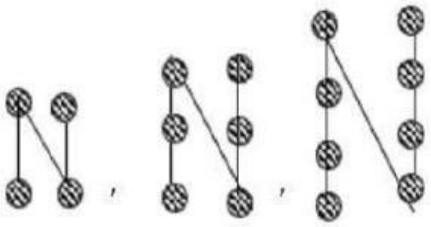
   The Arithmetic number line is on what letters ....
   A. (i) dan (ii)
   B. (i) dan (iii)
   C. (ii) dan (iii)
   D. (ii) dan (iv)

B. Closes-ended Questions

1. Write the next five numbers of this pattern!
   a. 4, 8, 12, 16, ...
   b. 30, 26, 22, 18, ...
   c. 5, 10, 20, 40, ...
   d. 2, 9, 4, 11, 6, ...
   e. 1, 4, 7, 10, ...
   f. 2, 1, 3, 4, 7, ...
   g. 1, 4, 9, 16, ...
   h. 3, 8, 15, 24, ...
   i. 2, 3, 5, 8, 12, ...
   j. 4, 6, 10, 16, ...

2. Write the next five numbers among these number pattern and mention rule how to determine the next number from each line:
   a. 0,3, 6,9, 12,...
   b. 2, 3,5, 7,11, 13,...
   c. 53,48,43,38,...
   d. 729,243, 81,27,...
   e. 1,1, 2, 3,5,8,....
   f. 1,3,9,27,81,...
   g. 3, 8,13,18,23,28, ...

3. Observe this figure. N shape object is formed by some dots in this figure



   Determine the number of dots the next five patterns have!

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