

Q.1 Multiple Choice Questions

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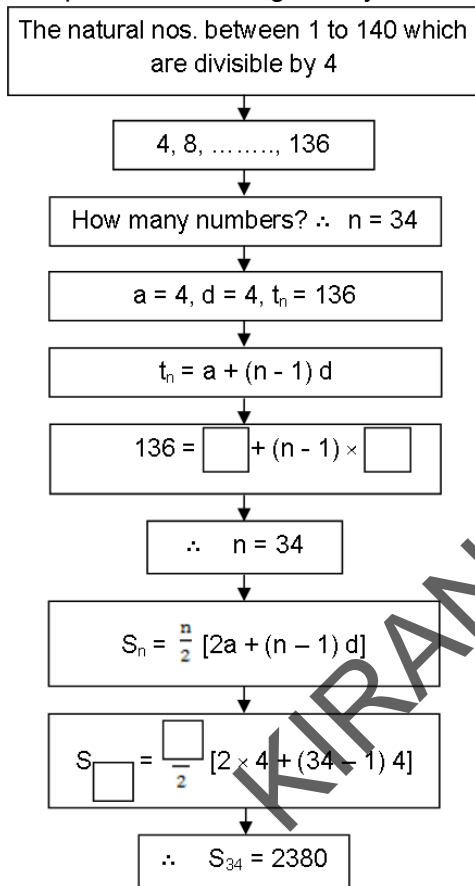
- 1 The list of number -10, -6, -2, 2, is
 - a. an A.P. with $d = -16$
 - b. an A.P with $d = 4$
 - c. an A.P with $d = -4$
 - d. not an A.P

- 2 The 10th term of the A.P 5,8,11,14, is
 - a. 32
 - b. 35
 - c. 38
 - d. 185

Q.2 Attempt the following (Activity)

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- 1 Complete the following activity to find the sum of natural number from 1 to 140 which are divisible by 4.



\therefore The sum of all numbers between 1 to 140 which are divisible by 4 =

Q.3 Answer the following

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- 1 Find the sum of all even natural numbers between 1 to 350.
- 2 Which term of an A.P. is 70, if the first term is 120 and the common difference - 5?
- 3 In the year 2010 in the village there were 4000 people who were literate. Every year the number of literate people increases by 400. How many people will be literate in the year 2020?

Q.4 Solve the following

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- 1 Find out the sum of all natural numbers between 1 and 145 which are divisible by 4.
- 2 Find how many three digit natural numbers are divisible by 5.

Q.5 Answer the following (Non textual)(Any One)

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- 1 The second and the fourth terms of an A.P. are 12 and 20 respectively. Find the sum of the first 25 terms of that A.P.
- 2 Find three consecutive terms in an A.P. whose sum is - 3 and the product of their cubes is 512.

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KIRAN TUTORIALS