



Work sheet for class-8

Chapter-1 pattern

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1. $3a+1$ is an algebraic expression of any list
 - a) Express 325 as the sum of two squares in two different ways
 - b) According to the stem, draw the geometrical pattern of the 3rd and 4th term and verify the correctness.
 - c) Find out the sum of the first 100 terms in the expression
2. The following numbers are the output of a computer program. If you change a number by a new number, the numbers will form a pattern 0,3,8,15,23,26,48,K,L,M.....
 - a) Identify the number and replace it with an appropriate number
 - b) Replace the letter K ,L ,M by the number and explain
 - c) Construct a magic square of order 5