

INFORMATION PROCESSING

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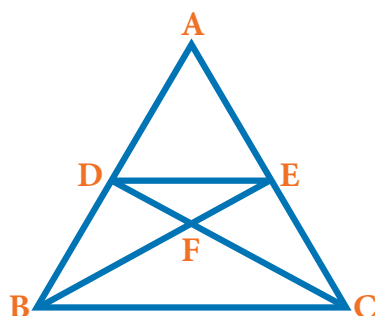
Learning Objectives

- ❖ To determine the number of possible orderings of an arbitrary number of objects following certain procedures.
- ❖ To learn a SET game for developing logical thinking .
- ❖ To investigate the role of map colouring in representing and modelling of mathematical ideas.
- ❖ To observe the Fibonacci pattern in physical and biological phenomena.
- ❖ To choose the best method in finding the HCF of numbers.
- ❖ To understand how information can be processed in, encryption and decryption.
- ❖ To consider alternatives in shopping before making a purchase, calculate the unit price for each items and make purchase in limited budget.
- ❖ To understand how to pack things efficiently in a given space and find the optimal solution.

Recap

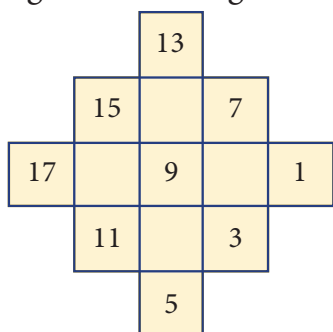
Before to learn, we recall the concepts like listing, counting, pattern of Fibonacci series and calculate the unit price of the products by answering the following questions

1. Find the number of all possible triangles that can be formed from the triangle given below.



Ans: _____

2. Use the numbers given in the figure to form a 3 x 3 magic square.



Ans:

