

Shape Construction

Introduction to Shape Construction

In this type of reasoning problem, you have to construct the shape by joining three pieces out of the five pieces given in the question.

Types of shape construction problems

1. Polygon forming

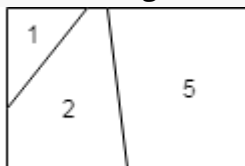
Example1: Select three figures out of the following five figures which when fitted into each other would form a rectangle?(**IBPS 2017**)



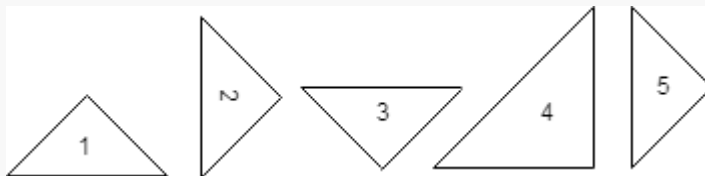
- A) 1,4,5
- B) 1,2,5
- C) 1,3,4
- D) 3,4,5

Answer: B) 1,2,5

Solution: Figures 1, 2, and 5 will form the rectangle as shown below:



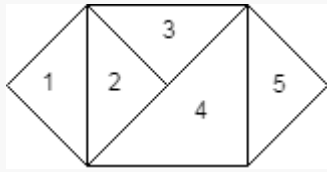
Example 2: Select three shapes out of the following five shapes which when fitted into each other would form a hexagon?



- A) 2, 3, 4
- B) 3, 4, 5
- C) 1 3 5
- D) All the figures

Answer: D) All the figures

Solution:All of the given shapes are required to form the hexagon, as shown below:



2. Shape Fitting:

Example 1: Select a figure from the given four alternatives which fits exactly into Figure-X to form a complete square. (SBI PO 2018)



- A) 1
- B) 2
- C) 3
- D) 4

Answer: B) 2



Example 2: Select a figure from the given four alternatives which fits exactly into Figure-X to form a complete square



- A) 1
- B) 2
- C) 3
- D) 4

Answer: D) 4

