

NUMBER OF TRIANGLES

Introduction- counting of figures reasoning questions

Counting of figures is the type of nonverbal reasoning. Counting of figures reasoning questions is the question that involves the mixture of two or more types of complex figures. It involves the various shape of a geometrical figure like triangle, square, rectangle, circle, straight line, etc.

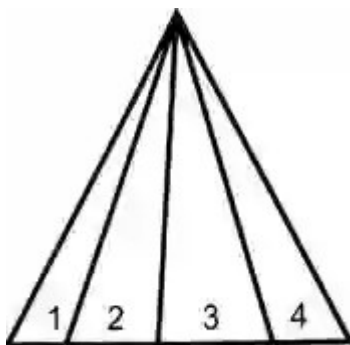
Types of counting of figures reasoning

Mostly there are 4 types of **counting of figures reasoning questions** asked in exams, Types of counting of figures are given below

1. Triangle counting reasoning questions
2. Rectangle counting reasoning questions
3. Square counting reasoning questions
4. Straight-line counting reasoning questions

Tips and tricks to solve counting of figures reasoning questions

- **The trick to counting the number of triangles**
 - As the triangle figure is shown below, the figure is divided into 4 parts. but sometimes it can be divided 6 or 8 times also. So in this type of question, you should know the simple trick to solve triangle counting figures

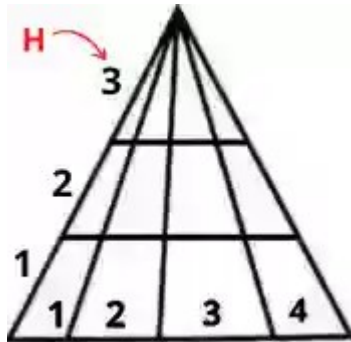


so, first label the triangle number then, apply this simple method

i.e. $1 + 2 + 3 + 4 = 10$

So, the total number of triangles is 10.

- As the triangle figure is shown below, which is divided into some parts and also divide some height in this case



= (Addition of triangle part) x Highest Height

$$= (1 + 2 + 3 + 4) \times 3$$

$$= 30$$

so, total number of triangles is 30.

