

**Triangle, Its Parts and Perimeter****Q#01:** Read the statements carefully and put the correct answers in the boxes.

(i) It is a part of line which extends only in one direction.

(ii) It is the sum of lengths of all sides of a closed 2D shape.

(iii) It is a collection of points which extends in 2 directions.

(iv) It is a 2D closed shape with 5 vertices, 5 angles and 5 sides.

(v) It is a part of line having fixed length.


Line segment  
Ray  
Line  
Perimeter  
Pentagon

**Q#02:** (A) Choose the best option (only one).

(i) Which of the following is a many sided closed 2D shape?

( line / Polygon / Ray )

(ii) How many vertices does an octagon have?

( 8 / 3 / 2 )

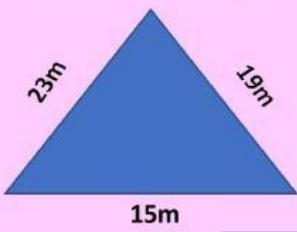
(iii) Which of the following is one of the sides of a triangle ASF?

(  $\overline{AS}$  /  $\angle A$  /  $\triangle SF$  )

(iv) What is the perimeter of a triangular park, if length of its sides are 11m, 9m and 7m??

( 27cm / 37m / 27m )

(B) Do the working on rough notebook and write the perimeter of the given triangle.  
(Note: figure is not drawn according to the scale)



Perimeter of triangle =

(C) Guess the type of polygon and write its number of dimensions.

Type of polygon:



Number of dimensions:

**Q#03:** Match the columns by looking at the given triangle carefully.

A

B

Number of dimensions

$\angle T$ ,  $\angle U$  and  $\angle S$

Name of vertices

$\overline{TS}$ ,  $\overline{TU}$  and  $\overline{US}$

Name of sides

3

Name of angles

2

Number of sides

T, U and S

