Name: _____ Roll number: _____ Section: _____ Worksheet#10

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 both 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 7 sided closed 2D shape?

(line / Heptagon / circle)

(ii) How many vertices does an octagon have?

(8 / 3 / 2)

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

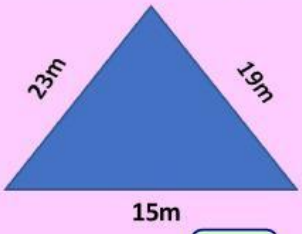
($\overline{AS}$ / ∠A / Δ SF)

(iv) What is the perimeter of a triangular park, if length of its sides are 35cm, 19cm and 27cm?

(81cm / 83cm / 80cm)

(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 = ____ metres

(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 the dimensions	∠T , ∠U and ∠S
Names of the vertices	$\overline{TS}$, $\overline{TU}$ and $\overline{US}$
Names of the sides	3
Names of the angles	2
Number of the sides	T , U and S