Name: _____ Roll number: _____ Section: _____ Worksheet#03

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?

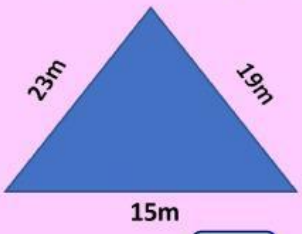
($\overline{AS}$ / ∠A / Δ SF)

(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 = ____ metres

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

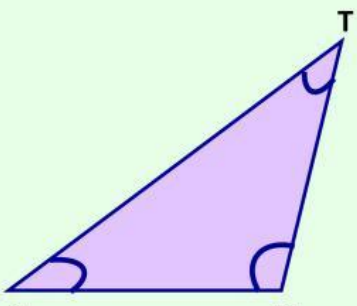
Type of polygon: ____

Number of dimensions: ____



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

A	B
Number of dimensions	∠T , ∠U and ∠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



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