

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?

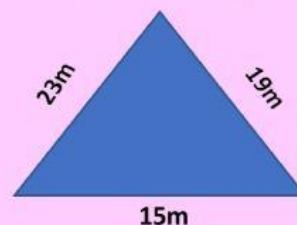
($\overline{AS}$ / $\angle A$ / $\triangle SF$)

- (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 = 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

Number of dimensions

Name of vertices

Name of sides

Name of angles

Number of sides

B

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

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

3

2

T, U and S

