Geometry and Shapes

Q#1: Select the correct option from the given list and put it in the blank.

(i) A/an _____ has 8 vertices.

(ii) Poly means _____ and gon means _____.

(iii) Type of least sided polygon is _____.

(iv) Quadrilateral is a _____ sided polygon.

(v) Equi means _____ and lateral means _____.

equal
many
sides
octagon
angles
triangle
four

Q#2: Match the columns.

$\overline{QR}$	Ray QR
$\overleftrightarrow{QR}$	Isosceles triangle
In triangle ABC, m$\overline{AB}$=m$\overline{BC}$=m$\overline{CA}$	Line segment QR
Triangle having 2 sides equal in length	Line QR
Triangle having 3 angles different	Equilateral triangle
$\overrightarrow{QR}$	Scalene triangle

Q#3: Fill in the blanks by selecting the correct option.

(i) A hexagon has _____ (number of) sides.

(ii) Point is a/an _____ dimensional shape.

(iii) If m$\overline{FG}$ = m$\overline{GH}$ =6cm and m$\overline{FH}$ is the base of triangle, then it is a/an _____triangle.

(iv) If length of one side of an equilateral triangle is 7cm, then perimeter of triangle is_____.

(v) Perimeter of triangle is _____ of length of its all sides.

Q#4: Choose the best option (only one) from the given options.

(i) _____ has one end point and can be extended in other direction.

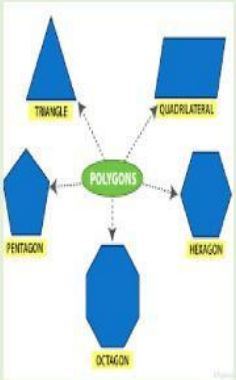
(Line / Line segment / Ray)

(ii) Amount of turn in between two rays is called a/an _____.

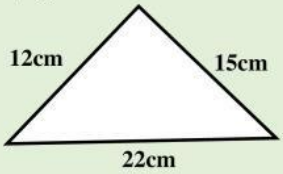
(Angle / Arm / vertex)

(iii) Meeting point of two rays in an angle is called a/an_____.

(Angle / Arm / vertex)

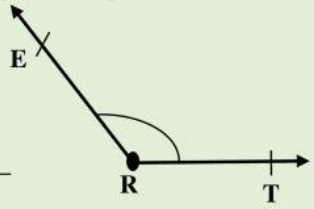


Q#5: Do the working on rough note book and write perimeter of the following triangle. (figure is not drawn up to scale).



Perimeter of triangle: _____ cm

Q#6: Choose the option to fill in the blanks by looking at the given angle.



(i) Vertex: _____

(ii) $\overrightarrow{RT}$ and $\overrightarrow{RE}$ are the _____ of the angle.

(iii) Name of angle: _____.

LIVEWORKSHEETS