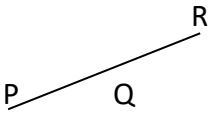
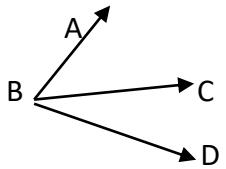
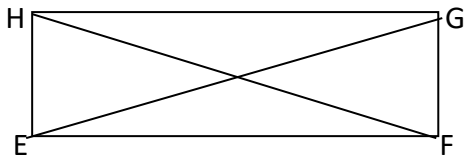
INDIAN SCHOOL DARSAIT
DEPARTMENT OF MATHEMATICS

Subject : Mathematics	Topic : Basics geometrical Ideas	Date of Worksheet :4/09/2019
Resource Person: Mrs V M Vandana		Date : 08/09/2019
Name of the Student :_____	Class & Division : _VI____	Roll Number : __

S.No.	Section A(Basic Skills)	Marks
1	Study the given figure and answer the following, a) Name the 3 points b) Name the 3 line segments 	1
2	Classify each of the following as angle, line segment line or ray. a) <A b)<BAC c) $\overrightarrow{AB}$ d) $\overleftrightarrow{BC}$ e) $\overline{PQ}$	1
3	Name the following. a) The longest chord of a circle. b) Half of a diameter. c) A part of the circumference of a circle.	1
	Section B	
4	Draw a quadrilateral PQRS. Draw its diagonals. Is the meeting point of the diagonals in the exterior or interior of the quadrilateral?	2
5	Study the given figure and answer the following.  a) Name the 3rays b) Name the 3 angles.	2

6	Draw a triangle LMN and name its vertices, sides and angles	2
7	Name all the pairs of adjacent sides and angles, opposite sides and angles and the diagonals in the given figure.  	2
8	Answer the following. a) Can a line segment be measured? b) How many end points does a ray have? c) Is every diameter of a circle also a chord?	3
	Section C(Hot Questions)	
9	Draw a quadrilateral KLMN and state a) Two pairs of opposite sides b) Two pairs of opposite angles c) Two pairs of adjacent sides. d) Two pairs adjacent angles	3
12	Draw a circle and mark a)its centre b) 2 points in the exterior of the circle. c) 2 points on the circle. d) a chord. e)a segment	3