



INDIAN SCHOOL DARSAIT
DEPARTMENT OF MATHEMATICS



Subject : Mathematics Topic : Practical Geometry Date of Worksheet : _____

Resource Person : Mrs Bhavya Vijelesh Date : _____

Name of the Student : _____ Class & Division : VII ____ Roll Number : ____

S.No.	Section A(Basic Skills)	Marks
1	Construct with ruler and compasses, angles of the following measures (a) 60° (b) 30° (c) 90° (d) 120° (e) 45°	2
Section B		
2	Construct ΔABC , given that $AB = 4.5$ cm, $BC = 5.8$ cm and $AC = 5.5$ cm.	3
3	Construct ΔPQR , given that $PQ = 4.7$ cm, $QR = 6.2$ cm and $\angle PQR = 60^{\circ}$.	3
4	Construct ΔXYZ if it is given that $XY = 6.3$ cm, $m\angle ZXY = 45^{\circ}$ and $m\angle ZYX = 75^{\circ}$.	3
5	Construct ΔLMN right angled at M, given that $LN = 8.2$ cm and $MN = 6.5$ cm.	3
Section C (Hot Questions)		
6	Construct ΔABC in which $AB = 4$ cm, $BC = 5.3$ cm and $\angle B = 70^{\circ}$. Also draw the perpendicular bisector of AC.	4