ATOMIC ENERGY CENTRL SCHOOL

CLASS – VIII PRACTICAL GEOMETRY

(MODULE – 2/3) SUB: MATHEMATICS

WORK SHEET

1. Construct a quadrilateral ALPN, where AL = 6.5 cm, LP = 4 cm, $\angle NAL = 110^0$, $\angle ALP = 75^0$ and $\angle LPN = 90^0$.
2. Can you construct a quadrilateral GOLD with DO = 7 cm, LO= 3 cm, LD = 5 cm, GL = 8 cm and GO = 7.5 cm ? Justify your answer.
2. Construct a Quadrilateral BASE where BA = 4 cm, AS = 3 cm, ES = 2 cm, BS = 4.5 cm, AE = 4 cm.
3. Construct a Quadrilateral BASE where BA = 4 cm, AS = 3 cm, EB = 2.5 cm, BS = 4.5 cm, AE = 4 cm.
4. Construct a Rectangle OKAY where OK = 7 cm, KA = 5 cm.
5. Construct a Parallelogram HEAR where HE = 5 cm, EA = 6 cm, $R = \angle 85^0$
6. Can you construct the Quadrilateral PLAN if PL = 6 cm, LA = 9.5 cm, $\angle P = 75^0$, $\angle L = 150^0$, and $\angle A = 140^0$