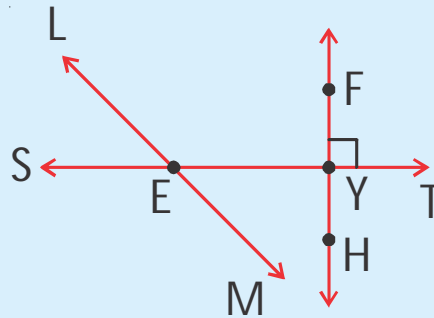


01

Perform the tasks given below.

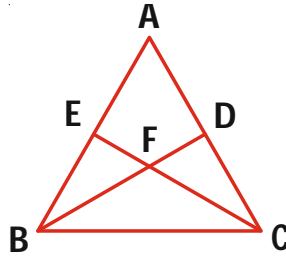
- Draw intersecting lines ST and LM. Let them intersect at point E.
- Draw line FH which is perpendicular to line ST. Line FH passes through point Y in line ST.
- What are the measurements of $\angle SEL$, $\angle LET$, $\angle SEM$ and $\angle MET$?
- Name all the acute angles.
- Name all the obtuse angles.
- Name all the right angles.



$\angle SEL$ & $\angle MET$ are equal angles and acute angles

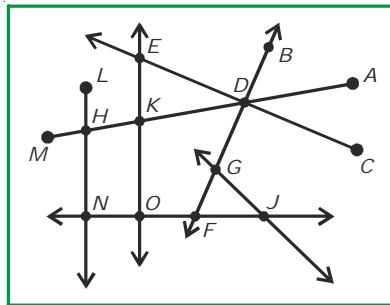
$\angle LET$ & $\angle SEM$ are equal angles and obtuse angles --
this both (OR) Vice versa $\angle FYT$ & $\angle FYE$, $\angle EYH$, $\angle TYH$
are right angles

02 Name the obtuse angle of the given triangle ABC.



$\angle BEC, \angle COB, \angle EFD, \angle BFC$

03 Look at the given figure. Name the sides of a triangle.

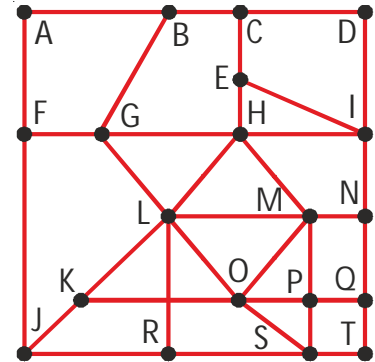


$\overline{DE}, \overline{DK}, \overline{KE}, \overline{GF}, \overline{FJ}, \overline{JG}$

04

Name the quadrilateral that possesses the given characteristics in the figure. Give all possible answers.

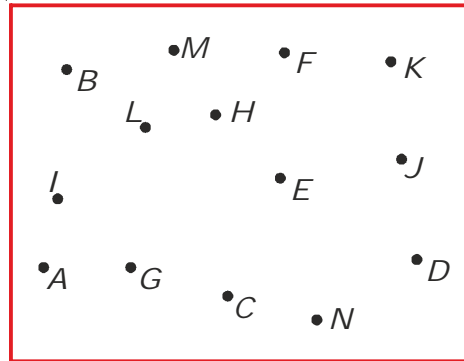
- What shape is BGHC ?
- What shape is HMOL ?
- What shape is MLRS ?
- What shape is GHML ?
- Name the shapes that are similar to LMOK.
- Name the shapes that are similar to CDIE.



- BGHC is a trapezium.
- HMOL is a rhombus.
- MLRS is a pentagon.
- GHML is a parallelogram.
- GHML is similar to LMOK.
- BCHG is similar to CDIE.

05

Follow the given directions to construct lines.



- i) Draw a line segment that is parallel with line HC.
- ii) Draw a line that is intersecting line FD.
- iii) Draw another line that intersects line DK.
- iv) Draw a line that is parallel with line KD.
- v) Draw line GA and line IC. What kind of lines are they if you extend them ?

- (i) Join FN
- (ii) Join K to E
- (iii) Join EJ
- (iv) Join FN
- (v) Intersecting lines