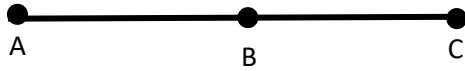


SUBJECT- MATHEMATICS, STD VI

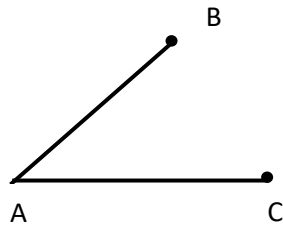
BASIC GEOMETRICAL CONCEPT (STANDARD)

VERY SHORT ANSWER TYPE:

1. Will the length of the line segment AB and line segment BC make the length of line segment AC in the figure?

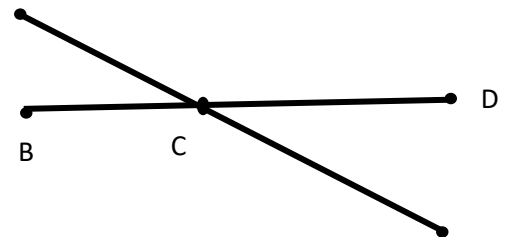
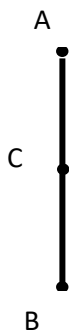


2. How many lines can be drawn through three non collinear points by joining them in pair?
3. Give two examples of parallel lines from your environment.
4. If three lines m , n and p meet at point X , what is the point X called?
5. Name the line segments in the following figure. A , the end point of each line segment. State True or False.



SHORT ANSWER TYPE (I)

6. Mark four points A , B , C and D in your note book. So that the points A , B , C are collinear. Draw all the line segments and lines joining them in pair.
7. Which points in the given figures appear to be mid points of the line segments? When you locate a mid point, then name the two equal line segments formed by it.

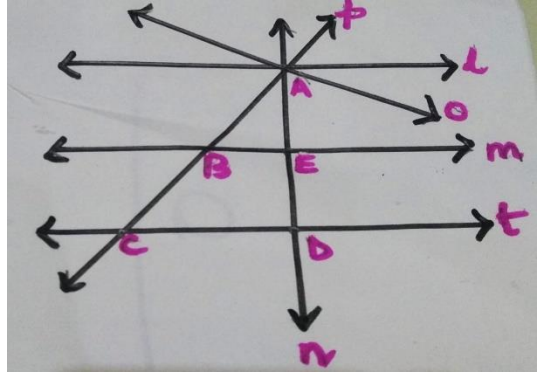


8. Draw the following.

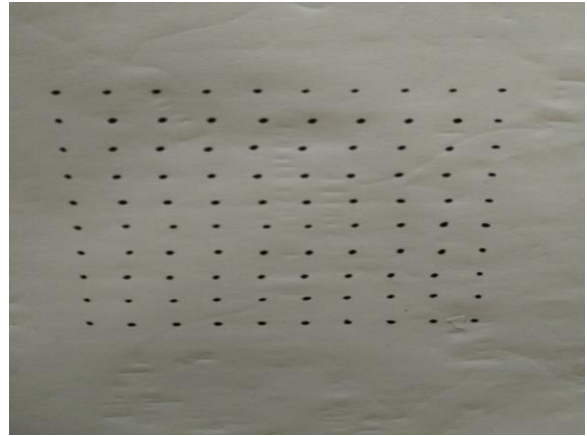
- i. \overleftrightarrow{AB} intersecting \overleftrightarrow{CD} and \overleftrightarrow{EF} parallel to \overleftrightarrow{CD}
- ii. \overleftrightarrow{UV} parallel to \overleftrightarrow{WX} and \overleftrightarrow{YZ} intersecting \overleftrightarrow{UV} and \overleftrightarrow{WX} .

SHORT ANSWER TYPE (II)

9. From the following figure, identify
- Pair of intersecting lines
 - Pair of parallel lines
 - Concurrent lines at point A.



10. Use the dot marks to draw the following
- Line AC
 - Line segment AB
 - Line EF parallel to line AC.



11. Identify all the parallel and intersecting lines you see from the figure given below. Write the answers in symbols.

