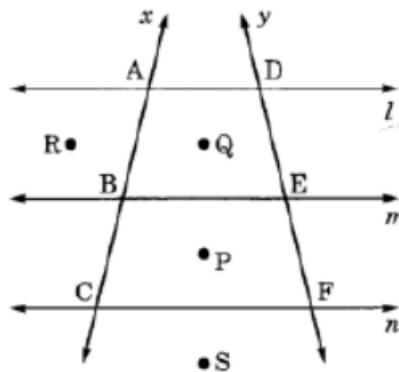


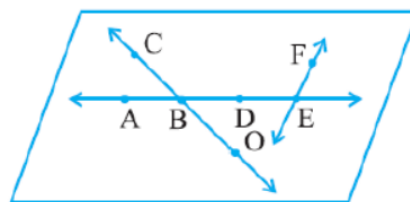
1. Give two examples of line segments and ray from day to day life.
2. Give four examples of intersecting lines from day to day life.
3. Explain the following terms: Line segment, Line, Intersecting lines, Parallel lines
4. In the given figure, l, m and n are three parallel lines, x and y intersect these lines.



- (i) Name the points lying on the line x .
- (ii) Name the points lying on the line y .
- (iii) Name the points inside the quadrilateral $ABED$.
- (iv) Name the points outside the quadrilaterals $ABED$ and $BCFE$.
- (v) Name the lines passing through three points.

State whether the statements given in questions 1 to 5 are true (T) or false (F):

5. A horizontal line and a vertical line always intersect at right angles.
6. Two parallel lines meet each other at a point.
7. A ray is a portion of a line.
8. Use the figure to name :

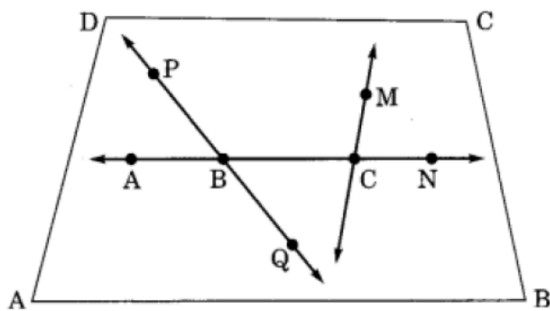


- (a) Line containing point F .
 - (b) Line passing through B .
 - (c) Line on which D lies
 - (d) Two pairs of intersecting lines.
9. Draw three models for intersecting lines
 10. Draw rough diagrams of two angles such that they have
 - (a) One point in common.
 - (b) Two points in common.
 - (c) Three points in common.
 - (d) Four points in common.
 11. Illustrate, if possible, each one of the following with a rough diagram:

- (a) A closed curve that is not a polygon.
- (b) An open curve made up entirely of line segments.
- (c) A polygon on with two sides.

Case Study

Using the given figure, name the following:



- 12. Line containing point M .
- 13. Line passing through four points.
- 14. Line passing through three points.
- 15. Two pairs of intersecting lines.