

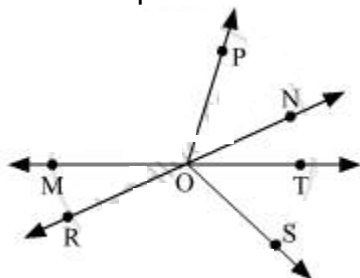
# Chapter 1: Basic Concepts in Geometry

## PRACTICE SET 1 [PAGES 4 - 5]

### Practice Set 1 | Q 1.1 | Page 4

Look at the figure alongside and name the following:

Collinear points



### SOLUTION

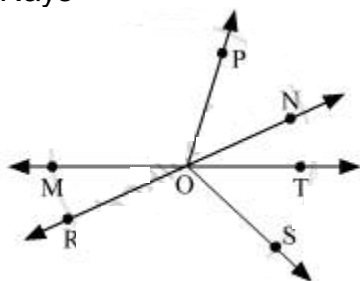
**Collinear points:**

- (i) Point M, Point O, Point T
- (ii) Point R, Point O, Point N

### Practice Set 1 | Q 1.2 | Page 4

Look at the figure alongside and name the following:

Rays



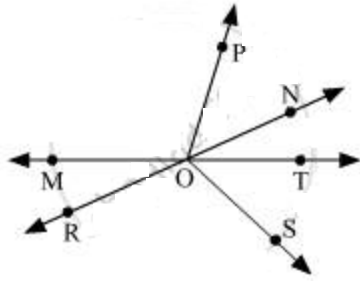
### SOLUTION

Ray OM, Ray OP, Ray ON, Ray OT, Ray OS, Ray OR

### Practice Set 1 | Q 1.3 | Page 4

Look at the figure alongside and name the following:

Line segments



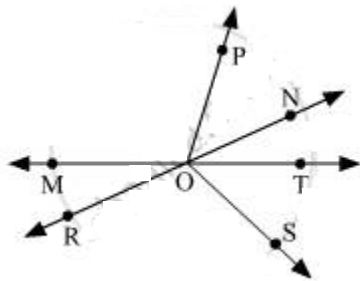
### SOLUTION

Seg MT, Seg RN, Seg OP, Seg ON, Seg OT, Seg OS, Seg OR, Seg OM

### Practice Set 1 | Q 1.4 | Page 4

Look at the figure alongside and name the following:

Lines



### SOLUTION

Line MT, Line RN

### Practice Set 1 | Q 2 | Page 4

Write the different names of the line.





### SOLUTION

Line l, Line AB, Line AC, Line AD, Line BC, Line BD, and Line CD.





### Practice Set 1 | Q 3 | Page 5

Match the Groups:

	Group A	Group B
(i)		(a) Ray
(ii)		(b) Plane

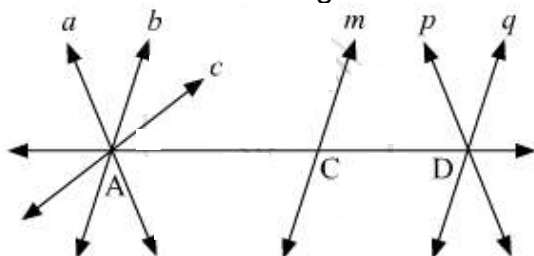
(iii) 	(c) Line
(iv) 	(d) Line segment

### SOLUTION

Group A	Group B
(i) 	(c) Line
(ii) 	(d) Line Segment
(iii) 	(b) Plane
(iv) 	(a) Ray

### Practice Set 1 | Q 4 | Page 5

Observe the figure below. Name the parallel lines, the concurrent lines, and the points of concurrence in the figure.



### SOLUTION

#### Parallel Lines:

- (i) Line b, Line m, Line q
- (ii) Line a, Line p

#### Concurrent Lines:

- (i) Line a, Line b, Line c, Line AC
- (ii) Line p, Line q, Line AD

**Point of concurrence:**

(i) Point A

(ii) Point D