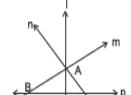
Points and lines

1.	Fill	ill in the blanks.						
	a.	The dot gives us the idea of a						
	b.	A tabletop gives an idea of a						
	c.	Two lines lying in a plane areif they do not intersect each other.						
	d.	Concurrent lines pass through the						
	e.	Three points areif they all lie on a line.						
2.	Wri	Write 'T' for true and 'F' for false statements.						
	a.	A line has a definite length.						
	b.	A plane extends indefinitely in all the directions.						
	c.	Two non - interesting lines in a plane are parallel.						
	d.	The point of intersection of two lines is called the point of concurrence.						
	e.	AB and BA denote the different lines.						
	f.	A ray has fixed length.						
3.	Nar	me the collinear and non-collinear points in the given figure a. S B D J M R						

4. From figure, write

a. Collinear points





- **b.** Concurrent lines
- **c.** Pair of intersecting lines
- **d.** Point of concurrence.

5. From figure, write the name of:

a. All pairs of parallel lines.



b. All pairs of intersecting lines.



c. Line whose point of intersection is P.



- **d.** Line whose point of intersection is C.
- **e.** Line whose point of intersection is R.
- f. Collinear points

6. Mark four points A, B, C and D in your notebook such that no three of them are collinear. Draw all the lines which join them in pairs.

- a. How many such lines can be drawn?
- **b.** Write the names of these lines.
- **c.** Name the lines which are concurrent at C.

Name all th	e rays	shown	in F	Figure,	whose	initial	points	are	Ο,	P	an
respectively.											
	•	Ř	P	, ,	Ô	Q	Š	→			
a. Is ray OR	differe	nt from	ray O	P?						-	
b. Is ray PQ	differe	nt from	ray Pl	R?						_	
Give three exa	mples	of line s	egme	ents fro	m your	enviror	nment.				
Draw a ray v	vhose i	nitial po	oint is	P and	which p	asses th	nrough a	anoth	ner _l	poi	int
Draw a ray v	vhose i	nitial po	int is	P and	which p	asses th	nrough a	anoth	ner _l	poi	int
Draw a ray v	vhose i	nitial po	int is	P and	which p	asses th	nrough a	anoth	ner _l	poi	int
Draw a ray v	vhose i	nitial po	oint is	P and	which p	asses th	nrough a	anoth	ner	poi	int
Draw a ray v	vhose i	nitial po	oint is	P and	which p	asses th	nrough a	anoth	ner _l	poi	int
Draw a ray v	vhose i	nitial po	oint is	P and	which p	asses th	nrough a	anoth	ner (poi	int
Draw a ray v	vhose i	nitial po	oint is	P and	which p	asses th	nrough a	anoth	ner	poi	int
Draw a ray v	vhose i	nitial po	oint is	P and	which p	asses th	nrough a	anoth	ner	poi	int
Draw a ray v	vhose i	nitial po	oint is	P and	which p	asses th	nrough a	anoth	ner	poi	int
Draw a ray w								anoth	ner	poi	int
								anoth	ner	poi	int

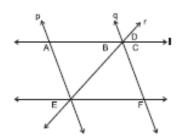
12.	Wha	nat is the difference between a line, a	line segment and a ray?
13.	Hov	w many rays are represented in the gi	ven figure? Name them.
			E G H
14.	Give	ve two examples of these from your e	nvironment.
	a. b.	intersecting lines parallel lines	
15.	Give	ve two examples from your environme	ent of portion of
á	a.	line	
ŀ) .	plane	

16. In the given figure, state whether the following statements are true or false.



- a. A is a point on ray OQ.
- **b.** Ray OQ is different from Ray PQ.
- **c.** P, A, O, B are points on the line AB.
- **d.** O and B are end points of the line segment OQ.

17. In the given figure, write the name of:



- **a.** All pairs of parallel lines.
- **b.** All pairs of intersecting lines.
- **c.** Collinear points.
- **d.** Concurrent lines
- e. Point of concurrence
- f. Concurrent lines whose point of intersection is A.