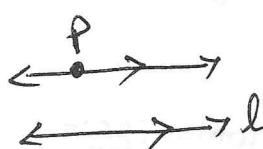



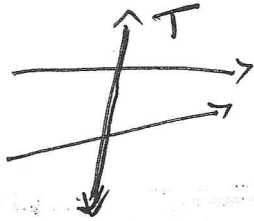
1) PARALLEL LINES:- TWO LINES ARE PARALLEL IF THEY DO NOT INTERSECT AND ARE COPLANAR.

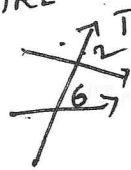
2) SKEW LINES:- TWO LINES ARE SKEW LINES IF THEY DO NOT INTERSECT AND ARE NOT COPLANAR.

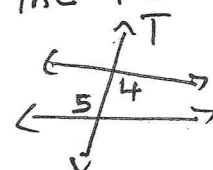
3) PARALLEL LINES:   $p \parallel l$

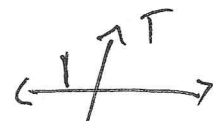
4) PERPENDICULAR LINES:   $p \perp l$

5) TRANSVERSAL: IT IS A LINE THAT INTERSECTS TWO OR MORE COPLANAR LINES AT DIFFERENT POINTS.

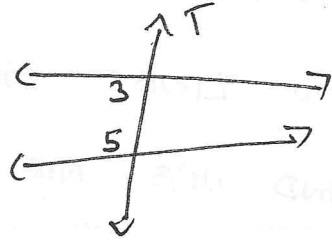


6) CORRESPONDING ANGLES: TWO ANGLES ARE CORRESPONDING IF THEY HAVE CORRESPONDING POSITIONS: (EX) 

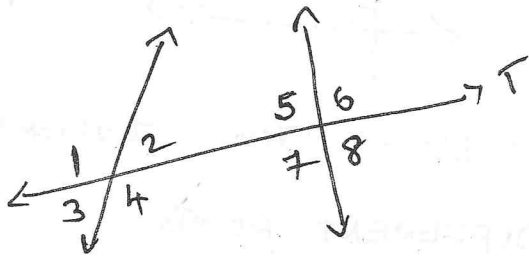
7) ALTERNATE INTERIOR ANGLES:- TWO ANGLES ARE ALTERNATE INTERIOR ANGLES IF THEY LIE BETWEEN THE TWO LINES AND ON OPPOSITE SIDES OF THE TRANSVERSAL: 

8) ALTERNATE EXTERIOR ANGLES: TWO ANGLES ARE ALTERNATE EXTERIOR ANGLES IF THEY LIE OUTSIDE THE TWO LINES AND ON OPPOSITE SIDES OF THE TRANSVERSAL: 

9) CONSECUTIVE INTERIOR ANGLES:- TWO ANGLES ARE CONSECUTIVE INTERIOR ANGLES IF THEY LIE BETWEEN THE TWO LINES AND ON THE SAME SIDE OF THE TRANSVERSAL.



10) Identify ANGLE RELATIONSHIPS:-



- 1) CORRESPONDING :-  $\angle 1$  AND  $\angle 5$ ,
- 2) ALTERNATE INTERIOR :-  $\angle 2$ ,  $\angle 7$
- 3) ALTERNATE EXTERIOR :-  $\angle 1$ ,  $\angle 8$
- 4) CONSECUTIVE INTERIOR :-  $\angle 2$ ,  $\angle 5$