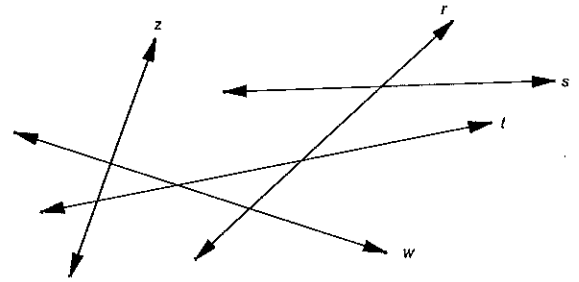


Ex 2: (Identify Transversals)

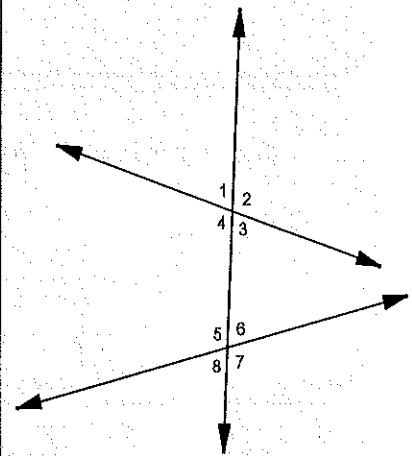
Identify the set of lines to which each given line is a transversal.

- a. r s & t and t & w
 b. s not transversal
 c. w r & z and t & z



Transversals and Angles

| Name | Angles |
|---------------------------------------|--|
| Exterior \angle s | $\angle 1, \angle 2, \angle 7, \angle 8$ |
| Interior \angle s | $\angle 3, \angle 4, \angle 5, \angle 6$ |
| Consecutive Interior \angle s Pairs | $\angle 4$ & $\angle 5$, $\angle 3$ & $\angle 6$ |
| Alternate Exterior \angle s Pairs | $\angle 1$ & $\angle 7$, $\angle 2$ & $\angle 8$ |
| Alternate Interior \angle s Pairs | $\angle 4$ & $\angle 6$, $\angle 3$ & $\angle 5$ |
| Corresponding \angle s Pairs | $\angle 1$ & $\angle 5$, $\angle 4$ & $\angle 8$ $\angle 2$ & $\angle 6$, $\angle 3$ & $\angle 7$ |



Ex 3: (Identify Angle Relationships)

Refer to the figure below. Identify each pair of angles as alternate interior, alternate exterior, corresponding, or consecutive interior angles.

- a. $\angle 2$ and $\angle 10$: alternate interior
 b. $\angle 9$ and $\angle 7$: corresponding
 c. $\angle 1$ and $\angle 7$: alternate exterior
 d. $\angle 12$ and $\angle 8$: corresponding
 e. $\angle 11$ and $\angle 8$: consecutive interior
 f. $\angle 4$ and $\angle 12$: alternate exterior

