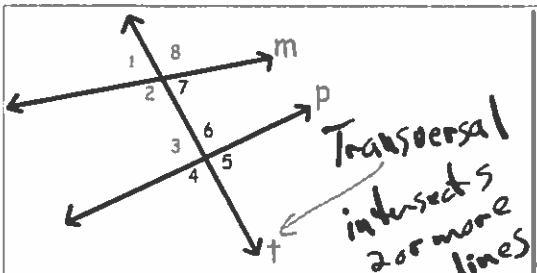


Transversal intersects 2 or more lines

Corresponding Angles

Same position → other intersection

$(\angle 1, \angle 3)$ $(\angle 8, \angle 6)$

$(\angle 2, \angle 4)$ $(\angle 7, \angle 5)$

Same Side Interior Angles

Same side of the transversal, Interior of the lines.

$(\angle 2, \angle 3)$ $(\angle 7, \angle 6)$

Alternate Interior Angles

Alternating sides of the transversal, Interior of the lines.

$(\angle 2, \angle 6)$ $(\angle 3, \angle 7)$

Same Side Exterior Angles

Same side of the transversal, Exterior of the lines.

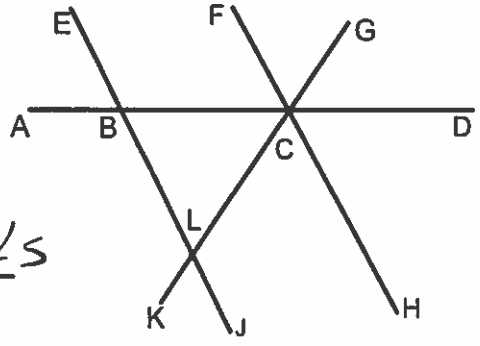
$(\angle 1, \angle 4)$ $(\angle 8, \angle 5)$

Alternate Exterior Angles

Alternating sides of the transversal, Exterior of the lines.

$(\angle 1, \angle 5)$ $(\angle 4, \angle 8)$

1. Name the two lines and the transversal that form each pair of angles.
2. Classify the pair of angles.



$\angle BLC, \angle HCL$

2 lines: $\overline{EJ}, \overline{FH}$

Transversal: $\overline{GK}$

Name: Alt. Int. $\angle$s

$\angle CBL, \angle BCL$

2 lines: $\overline{EJ}, \overline{GK}$

Transversal: $\overline{AD}$

Name: S.S. Int. $\angle$s

$\angle HLK, \angle EBC$

2 lines: $\overline{AD}, \overline{GK}$

Transversal: $\overline{EJ}$

Name: Alt. Ext. $\angle$s

$\angle GCH, \angle CLJ$

2 lines: $\overline{EJ}, \overline{FH}$

Transversal: $\overline{GK}$

Name: Corr. $\angle$s