



Definition. A *transversal* is a line that intersects two or more lines at different points.

Interior angles: $\angle 3, \angle 4, \angle 5$ and $\angle 6$.

Exterior angles: $\angle 1, \angle 2, \angle 7$ and $\angle 8$.

Alternate interior angles: $\angle 3$ and $\angle 6$, $\angle 4$ and $\angle 5$.

Same-side interior angles: $\angle 3$ and $\angle 5$, $\angle 4$ and $\angle 6$.

Corresponding angles: $\angle 1$ and $\angle 5$, $\angle 2$ and $\angle 6$, $\angle 3$ and $\angle 7$, $\angle 4$ and $\angle 8$.