|  |  |  |  |
| --- | --- | --- | --- |
| A line that intersects two coplanar lines at two distinct points. | | A pair of interior angles on the same side of the transversal  these are supplementary | |
| Angles that lie within a pair of lines and on opposite side of a transversal.  these are congruent | | Rise over run  (y₂-y₁)/(x₂-x₁)  the steepness of a line | |
| Angles that lay outside the parallel lines and are on opposite sides of the transversal;  these are congruent. | | y=mx + b where m is the slope and b is the y-intercept | |
| A pair of angles which are on the same side of the transversal, one must be interior, one must be exterior, and they must be nonadjacent | |  | |
| consecutive interior angles |  |  | Geometry  by Sharrer  Ch 3  p1/1  transversal |
| slope |  |  | alternate interior angles |
| slope-intercept form of a line |  |  | alternate exterior angles |
|  |  |  | corresponding angles |