|  |  |  |
| --- | --- | --- |
| Alternate Interior Angles | The pairs of angles located inside the parallel lines (interior) and on opposite sides (alternate) of the transversal. These angles are congruent. | alternate interior Angles.jpg |
| Alternate Exterior Angles | The pairs of angles located outside the parallel lines (exterior) and on opposite sides (alternate) of the transversal. These angles are congruent. | alternate exterior angles.jpg |
| Same Side Interior Angles | The pairs of angles located inside the parallel lines (interior) and on the same side of the transversal. These angles are supplementary (they have a sum of 180°). | same side interior angles.jpg |
| Same Side Exterior Angles | The pairs of angles located outside the parallel lines (exterior) and on the same side of the transversal. These angles are supplementary (they have a sum of 180°). | same side exterior angles.jpg |
| Vertical Angles | These angles are opposite of each other in the same intersection. They share the same vertex. They are congruent. | vertical angles.jpg |
| Corresponding Angles | These angles are in the same position in different intersections. If you translated one intersection to the other, the angles would correspond ☺ They are congruent. | corresponding angles.gif |
| Complementary Angles | These angles have a sum of 90°. They form a right angle. | complementary angles.jpg |
| Supplementary Angles | These angles have a sum of 180°. They form a straight line. | supplementary angles.jpg |