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| **Perpendicular Lines**  2 lines that intersect to make a right angle. | Image result for perpendicular lines |
| **Parallel Lines**  2 lines that never intersect |  |
| **Transversal**  A line that cuts a set of parallel lines |  |
| **Supplementary Angles**  2 angles that add up to 180 degrees |  |
| **Corresponding Angles**  2 angles that lie in the same position on each parallel line while touching the transversal  They are congruent angles  Ex.) 1/5, 2/6, 4/8, 3/7 |  |

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| **Same Side Interior Angles**  Angles that lie on the inside of parallel lines on the same side of the transversal. They have a supplementary relationship.  Ex.) 4/6, 3/5 |  |
| **Same Side Exterior Angles**  Angles that lie on the outside of the parallel lines on the same side of the transversal. They have a supplementary relationship.  EX.) 1/7 or 2/8 |  |
| **Alternate Interior Angles**  Angles that line inside the parallel lines on opposite sides of the transversal  They are congruent angles.  Ex.) 4/5, 3/6 |  |
| **Alternate Exterior Angles**  Angles that line outside the parallel lines on opposite sides of the transversal  They are congruent angles.  Ex.)2/7, 1/8 |  |
| **Vertical Angles**  A pair of opposite angles made by two intersecting lines  They are congruent angles.  Ex.) 1/4, 5/8 |  |