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| Section 1.5  *Angle Relationships* | Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_ |
| Essential Question | How are angles classified when formed by ­­­­­intersecting lines and transversals? |
| Adjacent Angles | The word adjacent means \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  Adjacent angles share a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .  Adjacent angles have a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ side. |
| Vertical Angles | Angles opposite each other when two lines \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .  Sometimes called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ angles or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ angles. |
| Complementary Angles | Two angles are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ if they add up to \_\_\_\_\_\_\_\_.  Complementary angles \_\_\_\_\_\_\_\_\_\_\_\_ touch. |
| Supplementary Angles | Two angles are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ if they add up to \_\_\_\_\_\_\_\_\_\_.  Supplementary angles \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ touch. |

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| Linear Pair | A linear pair is formed by two adjacent angles that make a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ line.  Linear pairs \_\_\_\_\_\_\_\_\_\_\_\_ share a common ray. |
| Transversal | A line that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ two or more coplanar lines at different points. |
| Alternate Exterior Angles | The pairs of angles on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sides of the transversal but  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the two lines are called alternate exterior angles. |
| Alternate Interior Angles  Corresponding Angles | The pairs of angles on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sides of the transversal but  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the two lines are called *alternate interior angles.*  Corresponding angles are created where a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ crosses at least two other lines.  The corresponding angles are the ones at the same \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on each “piece.” |
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