Unit 2: Similarity, Congruence, & Proofs

Vocabulary:
1. Two angles are Supplementary when they add up to __________.
2. Two angles are Complementary when they add up to __________.
3. Two angles are Adjacent when they have a common __________ and a common __________ (corner point) and don’t overlap.
4. Vertical angles are angles __________ each other where two lines cross.

Examples: Use the given angle measures to find the missing angle.

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Match the picture with the definition.

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Use the image to find the angle.

1. m<INJ if <KNJ = 25°
2. m<LNM if <INM = 107°
3. Find M<JNI if <LNM = 36°
4. Are <KNL and <LNMI adjacent?
5. Are <KNL and <MNI adjacent?
6. Find the measure of <KNL
Parallel Lines Cut by a Transversal

Corresponding angles
Exterior Alternate angles
Interior alternate angles

Same Side Interior Angles (SSI)  Same Side Exterior Angles (SSE)