

UNIT 2 REVIEW:

COMPLIMENTARY, SUPPLEMENTARY, & CONGRUENT ANGLES – solve for x.

Complementary Angles: Two angles whose sum is 90 degrees.

Supplementary Angles: Two angles whose sum is 180 degrees.

Congruent Angles: Two or more angles with the same measure.

There are three triangle similarity theorems that specify under which conditions triangles are similar:

AA~ : If two of the angles are the same, the third angle is the same and the triangles are similar.

SSS~ : If the three sides are in the same proportions, the triangles are similar.

SAS~ : If two sides are in the same proportions and the included angle is the same, the triangles are similar.

Definition	Diagram
Transversal A transversal is a line that intersects two or more lines at different points.	
Corresponding Angles Two angles that lie on the same side of the transversal in corresponding positions.	
Alternate Interior Angles Interior angles that lie on opposite sides of the transversal.	
Alternate Exterior Angles Exterior angles that lie on opposite sides of the transversal.	
Supplementary Angles Two (or more) angles whose sum is 180°.	
Vertical Angles Two angles whose sides form opposite rays.	

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