

TEKS Cluster: Geometry and Measurement
 TEKS Subcluster: Angle Relationships
 Student Expectations: 7.11(C)
 Activities Summary: Students write and solve equations about angle relationships, providing an opportunity to review solving two-step equations.

Note: The activities in this subcluster include these angle relationships:

- The sum of the measures of the angles of a triangle
- Writing equations given angle measures
- Straight and supplementary angles
- Complementary angles
- Adjacent angles
- Vertical angles
- Angles in Isosceles and equilateral triangles

Activity Title Student Expectations	Activity Topic	Type			Delivery		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
Angle Relationships 7.11(C)	Solve Equations Using Angle Measurements Students determine equality from a diagram, write an equation, solve it, and find the measures of the angle. The problems include the angles in triangle, vertical, complementary, supplementary, and adjacent angles.	✓	✓		✓		
What's My Angle? 7.11(C)	Solve Equations Using Angle Measurements Students match diagrams and equations, solve the equations, and find the matching solution. The problems include angles in an isosceles triangle, vertical, supplementary, and complementary angles, the angles in a triangle.		✓	✓		✓	